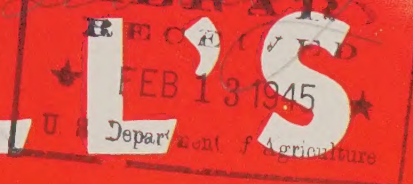


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



# MICHELL'S



1890  Seeds • Bulbs • Plants  1945



CORN  
Golden  
Cross  
Bantam  
Pkt. 15c.



PEPPER  
California Wonder  
Pkt. 15c.



BEET  
Detroit Dark  
Red Pkt. 10c.

**HENRY F. MICHELL CO.**  
516-518 Market St.  
PHILADELPHIA 5  
PENNA.



CUCUMBER  
A. & C. Cuke  
Pkt. 10c.



LIMA BEANS  
Fordhook  
Pkt. 10c.



CARROT, Imperator  
Pkt. 10c.



TOMATO  
Rutger's Special. Pkt. 15c.

*Miss Neuman*

# HARDY 'MUMS

*The Glory of Your Fall Garden*



**BURGUNDY**  
3 for \$1.15; doz. \$4.00



**NORTHLAND DAISIES**  
3 for \$1.15; doz. \$4.00



**POMPONS**  
3 for \$1.15; doz. \$4.00



**MME. CHIANG KAI-SHEK**  
*Pat. Pending*  
\$1.00 each; 3 for \$2.50; doz. \$8.50



**RAPTURE**  
3 for \$1.15; doz. \$4.00



**LAVENDER LADY**  
3 for \$1.15; doz. \$4.00



**MRS. PIERRE S. DU PONT, III**  
3 for \$1.50; doz. \$5.50



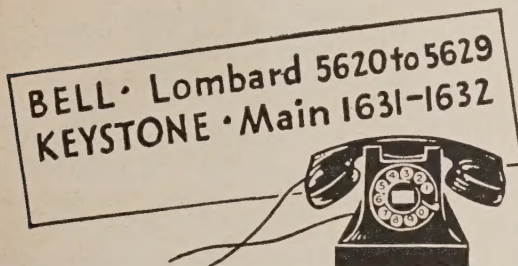
**Pink, White, Yellow Spoon Chrysanthemums**  
1 each of above, 3 for \$1.15; doz. \$4.00

**For complete list of Chrysanthemums, see page 58**

# Customers

## please note

To avoid misunderstanding  
read these conditions  
of sale. . . . .



### TELEPHONE YOUR ORDER

*It will get prompt, courteous  
attention here*

### LOCAL DELIVERY

Our free delivery service covers the suburban Philadelphia area. The limits are: PAOLI, RIDLEY PARK, CHESTNUT HILL, WILLOW GROVE, ABINGTON, RYDAL, SOMERTON, SPRINGFIELD, MORTON, and Intermediate points, but we do not guarantee to maintain a daily delivery to these places.

#### SPECIAL ATTENTION

To our customers in New Jersey:

**Due to the curtailment of motor transportation and other conditions beyond our control, we are unable to make free deliveries to Camden and vicinity.**

Shipment of goods can also be made by package service from Market and Chestnut Street Ferries, Broad Street Station, Reading Terminal, and B. & O. R. R., at 24th and Chestnut Streets. The tariff for shipments that can be made by this method on merchandise they will receive packed in one piece is as follows:

**10 lbs. and under, 12c. 26 lbs. to 40 lbs., 24c.  
11 lbs. to 25 lbs., 18c. 41 lbs. to 50 lbs., 30c.**

**Shipments weighing more cannot be sent  
via Package Service.**

#### ORDER EARLY

We would greatly appreciate it if you would send orders for seeds, plants, bulbs, etc., during January and February whenever possible. Shipments will be made when you want the goods.

#### GIFT CERTIFICATES

"Michell's Gift Certificates" available in any amount and redeemable at any time for our merchandise are most unusual gifts for your garden-loving friends. They are ideal for Christmas, birthday and other remembrances.

#### WE WELCOME CHARGE ACCOUNTS

We invite you to take advantage of the convenience of a charge account with us. So that no time will be lost in executing your first order, please send us the names of two or more business houses with whom you have had past or present credit relations.

#### HAVE YOU MOVED?

Please let us know of any permanent change of address so that you may receive our catalogs regularly.

#### CUSTOMERS' SERVICE

We endeavor at all times to take care of our customers' requirements. However, due to wartime conditions, we are not always able to supply just the item you order. We ask your permission to substitute a similar variety, when the supply of the variety ordered is exhausted. In this event we feel sure that we can render satisfactory service.

#### SHIPPING INSTRUCTIONS

Always state by what method you want goods forwarded; otherwise we will ship according to our best judgment.

#### PACKING CHARGES

No charge is made for boxes, packing, or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged.

#### C. O. D. SHIPMENTS

Goods can be sent C. O. D. with the exception of perishable items: plants and cold-storage bulbs. If shipment is requested by express or freight, send a partial remittance with the order. No C. O. D. orders accepted for less than \$1.00.

#### CONDITIONS OF SALE

All contracts, sales, and acknowledgments of orders are contingent on crop failures, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of the goods.

#### FORWARDING SERVICE

We pay postage charges on all orders for Vegetable Seeds, Flower Seeds, and Grass Seeds in quantities up to 5 pounds (unless otherwise noted) to the First and Second Zones. If larger quantities of the above, also Bulbs, Plants, and Sundries, are wanted by Parcel Post, remit for postage the amount named in connection with the item to the First and Second Zones; for other Zones add additional postage or at the rate quoted in table below.

All Plants, Roots, and Bulbs are forwarded by Express (or Parcel Post when possible), purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots, or Bulbs unless otherwise noted.

**To all points east of the Mississippi River, add 10 per cent to cover postage and packing charges; to all points west of the Mississippi River, add 15 per cent.**

**SAFE ARRIVAL.** We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no Express or Freight agent; to such points the purchaser must assume any claim for loss or damage.

#### PARCEL POST RATES from Philadelphia (subject to change)

United States Parcel Post Rates (Seeds, Plants and Bulbs Included) (Subject to Change)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 100 inches (length and girth combined)
Local Rate, Philadelphia . . . . .	\$0 08	\$0 01	Limit of weight to all zones, 70 lbs.
1st Zone, within 50 miles of Philadelphia . . . . .	09	01	A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.
2d Zone, over 50 and under 150 miles . . . . .	09	01	
3d Zone, over 150 and under 300 miles . . . . .	10	02	
4th Zone, over 300 and under 600 miles . . . . .	11	04	
5th Zone, over 600 and under 1000 miles . . . . .	12	06	
6th Zone, over 1000 and under 1400 miles . . . . .	13	08	
7th Zone, over 1400 and under 1800 miles . . . . .	15	10	
8th Zone, over 1800 miles . . . . .	16	12	

On Seeds, Bulbs, Plants, or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces are sent at zone rates.

If Special Delivery is wanted, an additional 17c. is required on packages weighing up to two (2) pounds—25c. on packages weighing more than two (2) pounds and up to ten (10) pounds—35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if order to be sent by either of the methods as stated above.

#### PARCEL POST CHARGES QUOTED ARE FOR DELIVERY IN THE UNITED STATES ONLY

**Notice to Customers in Canada and Other Countries Outside of the United States.** In remitting for purchases at the time of ordering, or when paying accounts, by reason of the exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par in United States funds.

## HENRY F. MICHELL CO.

516-518 Market Street

PHILADELPHIA 5, PA.

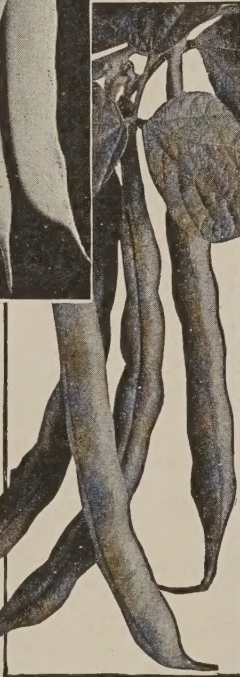
WAREHOUSES: 509-11-13 Ludlow St. and American and Dauphin Sts.

# MICHELL'S VEGETABLE SEEDS

## BEANS



Sure-Crop  
Stringless  
Wax  
Beans



Stringless Green-Pod Beans

## ASPARAGUS

ASPERGE (Fr.) SPARGEL (Ger.)  
SPARAGIO (Ital.)

Sow 5 pounds per acre for roots, or  
1 ounce to 50 feet

A well-cared-for Asparagus bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seeds should be sown thinly in early spring in rows 1 to 2 feet apart. Thin out the weakest plants so the remainder will be 4 inches apart. When one or two years old, transplant in the permanent bed in rows 3 feet apart, setting the roots 1 to 1½ feet apart, from where it can be cut three years later.

**Giant Washington.** A rust-resisting variety with long, stout, dark green spears with a rich purple tinge. Oz. 30c.; ¼lb. 75c.

**Paradise.** New. Commercial growers claim this to be far superior to the Washington types. Pkt. 15c.; oz. 75c.; ¼lb. \$2.50.

### Asparagus Roots

Ready about March 20 for spring planting;  
about November 1 for fall planting

The two-year roots usually produce two years after planting. Our stock is especially fine in quality.

**Giant Washington.** 2-yr. roots, 50, \$2.50; 100, \$4.00; 1000, \$30.00.

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense.

Every garden should have Beans, among the finest of all vegetables. They are appetizing, rich in vitamins, and delicious fresh, canned, or dried. Bush or Snap Beans grow quickly and yield heavily. The Pole type is the heaviest yielder over a long period.

## MICHELL'S DWARF BEANS

HARICOTS NAINS (Fr.) BUSCHBOHNEN (Ger.)  
FAGINOLI NANI (Ital.)

### Green-podded Varieties

**Bountiful.** 53 days. Flat-podded, stringless, tender and a prolific bearer. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.10.

**Early Red Valentine.** 52 days. An extra-early variety, maturing a crop in 40 to 50 days. Pods 5 to 6 inches long, round, thick, tender, and of good quality. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.10.

**Giant Stringless.** 53 days. Vigorous grower and a great producer of large, round pods, from 5½ to 6½ inches long. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Keystoneian.** 52 days. Honorable Mention, 1944 All-America Selections. This new dwarf green Bush Bean will become a favorite because of its combined productiveness, hardiness and high quality. Pods are 6 to 6½ inches long, round, straight, stringless and of superb quality, making it suitable for canning, freezing, and home use. Pkt. 15c.; ½lb. 50c.; lb. 75c.; 5 lbs. \$3.50.

**Masterpiece.** 50 to 55 days. The leader among early greenhouse forcing varieties. Pods 7 x ¾ x ⅛ inch. Light silvery green, straight, flat, almost entirely stringless and fibrous. Fine texture. Pkt. 15c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Stringless Black Valentine.** 49 days. An improvement over the old strain of Black Valentine. Pods long and slender, semi-round, and stringless. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.85.

**Stringless Green-Pod.** 50 days. Round-podded sort that is early, prolific, and a continuous bearer. Pods 5 to 6 inches long, very meaty. Even when the pods become quite old they retain their stringless qualities. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Tendergreen.** 52 days. An early stringless variety with round pods at least 6 inches long. Ready for use 52 days after sowing. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

### SPECIAL ATTENTION

Vegetable Seed prices listed in this Catalog have been formulated according to the proposed regulation of the Office of Price Administration. If there are any changes subsequently made by the OPA our prices will be adjusted to conform with their regulation.

Plant 90 pounds per acre; 2 pounds  
for a 100-foot row

A rich, sandy loam suits Beans to perfection. Toward the end of April, or still better, in May, sowings may be made and may be repeated every two weeks until August. Have the rows about 2 feet apart. Sow quite thinly in the row and about 2 inches deep, thinning out to stand 4 to 6 inches apart in the rows.

### Dwarf Varieties of Shell Beans FOR WINTER USE

These are always useful for soups, baked beans, etc. They can be used in the green state, like other sorts, when picked very young. Plant when ground is warm in spring and up to July 1, in rows 2 feet apart, Beans 3 inches apart in the row.

**Boston Navy or Pea.** 93 days. Snowy white variety of small size. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.85.

**Long-Pod Broad or Fava.** 75 days. An English Bean used in the dry state, shelled. Plant in rows about 3 feet apart, 8 inches apart in the row. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Dwarf Horticultural.** 54 days. One of the best early Shell Beans. Thick, flat, stringless pods colored red and green; Beans large, round, and speckled. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Red Kidney.** 95 days. Pods long, kidney-shaped, light red. Pkt. 10c.; ½lb. 25c.; lb. 40c.; 5 lbs. \$1.85.

**White Marrow.** 100 days. Larger than Boston Navy Bean and extensively planted for shelling for winter or for using in the green state. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

### Yellow-podded Varieties

#### Improved Rustproof Golden Wax.

*Rust-Resistant.* 51 days. Vigorous grower. One of the best of the Wax Beans. Pods flat, medium length, good quality. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Pencil-Pod Black Wax.** 55 days. A round-podded, hardy, very early sort that is entirely stringless. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Round-Podded Kidney Wax.** 58 days. *Rust-resistant.* Vigorous grower with fleshy, stringless pods. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Sure-Crop Stringless Wax.** 53 days. Very productive, hardy and may be planted early. Long, thick, flat pods of excellent quality. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

### Edible Soy Beans

**Bansei.** 95 days. An early home-garden variety fine for green shelling, not susceptible to shattering. They are a delectable vegetable, either green or dry, and well worth adding to your garden. Soy Beans can be cooked and served similar to Lima Beans. They are prolific and highly resistant to disease and insects. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.10.

### 1001 Garden Questions Answered.

Hottes. Covers flowers, fruits and vegetables. 383 pages. \$2.50.

## POLE or RUNNING BEANS

One pound of seed will plant 150 to 200 hills; about 20 pounds, an acre

HARICOTS A RAMES (Fr.) FAGIUOLI (Ital.)  
STANGENBOHNEN (Ger.)

When all danger of frost or cold nights is over, plant in hills 4 feet apart each way, about 4 or 5 Beans to the hill, eyes downward, and when up and established, thin out to 3 plants in a hill. One planting usually lasts for the season.

### Green-podded Varieties

**Decatur.** 60 days. Silver Medal. Widely recommended for the garden and wherever Pole Beans grow. It is stringless, resistant to Bean rust, and of the early type. One of the heaviest bearers of them all. Pkt. 15c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Horticultural or Speckled Cranberry.** 70 days. Long, pale green pods, which become streaked with red when mature. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

#### Kentucky Wonder or Old Homestead.

65 days. In the South this variety is grown more extensively probably than any other. A tremendous yielder of long, round, tender and practically stringless pods. Ready for picking about 85 days from planting. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Lazy Wife.** 74 days. The flat, long green pods are borne in clusters and contain 6 or 7 Beans. A very productive stringless Pole Bean. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.



Kentucky Wonder Pole Beans

## POLE BEANS, continued

**Scarlet Runner.** 90 days. While used principally for its flowering qualities, this makes a fine winter Shell Bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellises, fences, etc. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Yard-Long or Giant-podded Asparagus.** 72 days. Produces an enormous crop of pods 2 feet or more in length, tender and of excellent quality. Pkt. 15c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.

### Yellow-podded Variety

**Kentucky Wonder Wax.** 65 days. A very prolific sort, producing long, thick, almost straight pods which are of a light yellow color and of excellent quality. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

## LIMA BEANS

HARICOTS A RAMES (Fr.)  
STANGENBOHNEN (Ger.)  
FAGIUOLI DI LIMA (Ital.)

*Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post table on page 1. Larger quantities shipped at purchaser's expense.*

### Pole Varieties

Two pounds will plant 100 hills; 25 to 30 pounds, an acre

Plant when all danger of frost or cold nights is over, with the eye of the Bean down. Put a liberal number in a hill, as this is cheaper than replanting. When up and established, thin out to 3 or 4 plants in a hill. The poles should be set as soon as the garden is made, in rows about 3 feet apart with the poles about 3 feet apart in the row. It is a good plan to put a small shovelful of well-rotted cow-manure in each hill when the poles are set, so the Beans, when started, will make rapid growth and mature early.

**Carpinteria.** 88 days. Retains its green color in all stages of growth, even after being dried, and combines wonderful prolificness, flavor, and size. A good early variety with 4 or 5 Beans in a pod. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Challenger or Dreer's Improved.** 92 days. Although somewhat smaller than other Limas, it is very early, prolific and of delicious flavor. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

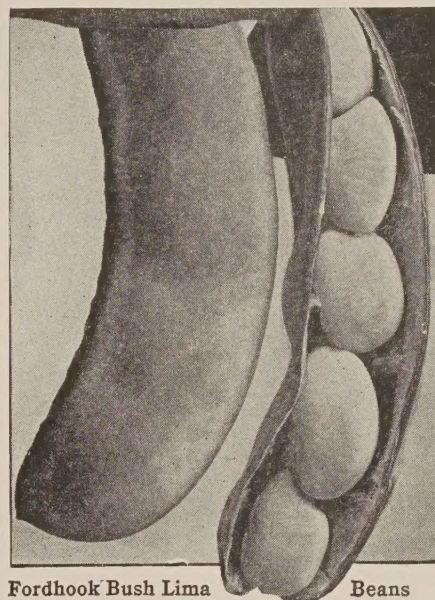
**Giant-podded.** 90 days. Heavy, stocky vine well filled with clusters of gigantic pods. Nice-sized white Beans. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**King of the Garden.** 88 days. An old-time favorite. Sturdy grower, exceedingly productive and of good flavor. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Michell's Evergreen.** 87 days. An exceptionally early Pole Lima. It is remarkable for its productiveness and good flavor and continues bearing until frost. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Carolina or Sieva.** 77 days. Produces small flat Beans of fine quality. Heavy yielder. Pkt. 10c.;  $\frac{1}{2}$ lb. 30c.; lb. 45c.; 5 lbs. \$2.10.

If you want your Bean-patch to yield earlier and better, inoculate the seed before planting with LEGUME-AID. When ordering, be sure to specify if wanted for garden Beans, as each leguminous crop requires a separate culture. See page 91.



Fordhook Bush Lima Beans

### Bush or Dwarf Lima Beans

One pound will plant 50 feet of row

Bush Limas should be planted for early crops, as they come into bearing much sooner than the pole varieties. Plant in rows about 30 inches apart, spacing them 4 inches apart in the row and covering to the depth of  $1\frac{1}{2}$  inches.

**Michell's Cangreen.** 66 days. Green-seeded Lima notable for the green color of the fleshy part of the seed in the dry stage, making it very attractive for canning. Highly recommended for freezing preservation. Pkt. 15c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Baby Fordhook.** 72 days. Plant small but branchy and vigorous; pods very numerous, tightly filled with 3 or 4 small plump seeds of high quality. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Burpee's Improved.** 77 days. A great improvement over the old strain of Burpee's Bush Lima. The Bean is thicker, sweeter, and the bush more prolific. Pkt. 10c.;  $\frac{1}{2}$ lb. 30c.; lb. 45c.; 5 lbs. \$2.10.

**Fordhook 242.** Bronze Medal, 1944 All-America Selections. The outstanding characteristic of 242 is its greater productivity, particularly under adverse conditions. It does much better in hot and humid weather than any other Fordhook type. The curved pods are uniform in size, with 3 to 4 thick-seeded Beans of excellent quality and flavor. The plant is as tall as the regular Fordhook but wider spreading and with more foliage. It is the heaviest yielder of the large bush Limas. Pkt. 15c.;  $\frac{1}{2}$ lb. 40c.; lb. 75c.; 5 lbs. \$3.00.

**Fordhook.** 75 days. Distinct, upright, vigorous growth; pods borne in clusters well above the ground and frequently contain 4 thick, luscious Beans. Matures early and continues in bearing until frost. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Henderson's.** 67 days. Dwarf, compact-growing variety; large clusters of pods containing very small, flat Beans. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Wilson's Improved.** 67 days. Earlier than Burpee's Improved Bush Lima; more prolific, but not quite as large. Pkt. 10c.;  $\frac{1}{2}$ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**CEDAR BEAN-POLES** (Pointed). Extra-selected quality, about 10 feet long. 12 for \$3.50; 25 for \$6.50; 50 for \$12.00; 100 for \$20.00.

## MICHELL'S CHOICE BEET SEED

BETTERAVE (Fr.) SALATRUBE (Ger.)  
BARBABJETOLA (Ital.)

One ounce will sow a row 50 feet long;  
5 pounds, an acre

Beets are tasty, a pleasing addition to your menu. The Beet tops can also be worked; having an unusually high food-value, being rich in Vitamins A and C, with a goodly percentage of calcium and iron.

Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough, thin to stand 4 inches apart in the row. For an early crop in hotbed sow the seed in early March, while for a winter supply sow about July 10 outdoors.

**Crimson Globe.** 56 days. Rich deep red Beets, almost round, with a distinct delicious flavor, and very tender. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.10; lb. \$3.25.

**Crosby's Egyptian, Special Strain.** 51 days. A special selection of the usual strain and repeated tests have proved it to be a darker red and much earlier. Pkt. 15c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.25.

**Crosby's Egyptian. Usual Strain.** 51 days. Especially desirable on account of its rich blood-red color throughout. Early, and one of the best table Beets. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

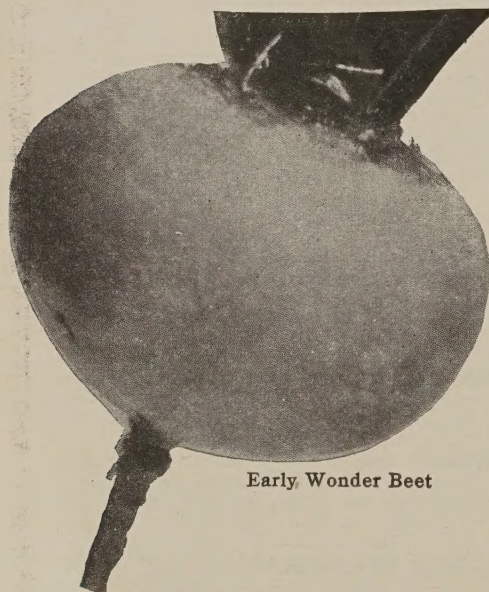
**Detroit Dark Red, Michell's Special Strain.** 56 days. Carefully reselected seed from the choicest, most uniform roots. Found superior to the usual type of Detroit Beet. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$ lb. \$1.45.

**Detroit Dark Red. Usual Strain.** 56 days. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.10; lb. \$3.25.

**Early Wonder.** 58 days. Extra-early, globe-shaped, with deep blood-red, tender flesh. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.10; lb. \$3.25.

**Lentz Early.** 50 days. Fine for sowing in hotbeds and early outdoors. Flesh red, with zone of lighter shades. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$ lb. \$1.45; lb. \$4.30.

**Michell's Winter Keeper.** 78 days. Top-shaped Beet with rich red, tender, sweet flesh. One of the best winter varieties. Pkt. 15c.; oz. 45c.;  $\frac{1}{4}$ lb. \$1.45; lb. \$4.30.



Early Wonder Beet

## Mangel-Wurzel

Sow 5 pounds per acre during April and May, in thoroughly plowed, well-manured soil, in drills about 2 feet apart, and thin out to 1 foot apart in the row. Keep the weeds down by frequent hoeing and cultivating. Low ground is best for Mangel-Wurzels.

**Golden Tankard.** 102 days. The best long yellow Mangel. Matures earlier than other large sorts. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.; lb. \$2.75.

**Lane's Improved White Sugar.** 100 days. Attains an enormous size, growing considerably above the ground. One of the best for stock-feeding. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.; lb. \$2.20.

**Mammoth Long Red.** 110 days. An enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. The best long red Mangel. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.; lb. \$2.20.

## SWISS CHARD

### Spinach Beet

POIRE (Fr.) BEISSKOHL (Ger.)  
BIETA (Ital.)

One ounce will sow a row about 50 feet long

Can be used in five weeks after sowing, and is a continuous crop until killed by frost. Cultivated for the leaves which are used for greens; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. Chard is served like spinach which it resembles in taste; the ribs when boiled and served with melted butter are the equal of the finest asparagus.

**Dark Green Curled.** 55 days. Large, dark green leaves with silvery white stems, tender and of fine flavor. Pkt. 15c.; oz. 25c.;  $\frac{1}{4}$ lb. 80c.; lb. \$2.40.

**Giant Lucullus.** 50 days. Very tall-growing, with crinkly leaves often 2 feet long. Beautiful ornamental plant for any garden. Pkt. 15c.; oz. 25c.;  $\frac{1}{4}$ lb. 80c.

**Fordhook Giant.** 55 days. A recent introduction of real merit. The leaf is dark green, heavily crumpled as in Lucullus. Midrib is wide and thick, with a good white color. The plant is strong, sturdy and a good grower. Pkt. 15c.; oz. 25c.;  $\frac{1}{4}$ lb. 80c.

**Swiss Chard Rhubarb.** 60 days. A delicious Chard having a bright rich crimson leaf-stalk that resembles rhubarb, and dark green crumpled leaves, veined with crimson. Pkt. 15c.; oz. 55c.

## BORAGE

An herb whose leaves are used as a salad. Pkt. 25c.;  $\frac{1}{4}$ oz. 60c.;  $\frac{1}{2}$ oz. \$1.00; oz. \$1.50.

## BRUSSELS SPROUTS

CHOU DE BRUXELLES (Fr.) ROSEKOHL (Ger.)  
BERZA DE BRUSSELS (Ital.)

One ounce will produce about 3000 plants

Sow seed about May 15 and transplant when about 4 inches high, in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. Best for cooking after slight frost.

**Michell's Mammoth Fancy.** 90 days. We have an exceptionally fine strain of these Sprouts. Compact, dwarf type, having stems covered with fancy, solid Sprouts. Pkt. 25c.;  $\frac{1}{2}$ oz. \$1.25; oz. \$2.00.

**Long Island Improved.** 90 days. Compact heads. Very productive. Pkt. 25c.;  $\frac{1}{2}$ oz. 95c.; oz. \$1.75.

**Matchless Improved.** 90 days. Pkt. 25c.;  $\frac{1}{2}$ oz. \$1.25; oz. \$2.00.



Italian Broccoli

## BROCCOLI

BROCCOLI (Fr.) SPARKELKOHL (Ger.)  
BROCOLI (Ital.)

One ounce will produce 3000 plants

Resembles cauliflower and often grown where the latter does not thrive. Culture is similar.

**Early Green Calabrese.** 70 days. Much sought by the Italian trade, and is quite popular in American gardens. After the fair-sized green head is cut from the main stalk, new sprouts develop into small, loose heads. Pkt. 15c.;  $\frac{1}{2}$ oz. 40c.; oz. 75c.;  $\frac{1}{4}$ lb. \$2.25.

**Rapa or 40-Day.** A very early type of sprouting Broccoli producing many small heads. The seed is usually broadcast thickly. Cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. Makes very fine greens. Pkt. 10c.;  $\frac{1}{2}$ oz. 20c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00.

## CARAWAY

Herb used for flavoring, etc. Pkt. 25c.;  $\frac{1}{4}$ oz. 30c.;  $\frac{1}{2}$ oz. 50c.; oz. 90c.

## Chinese or Celery Cabbage

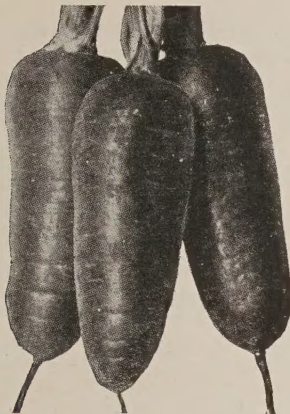
A native of China and distinct from other Cabbage. It grows like Romaine lettuce, and makes a tasty salad, having a delightful flavor. Seed should be sown the latter part of July, in rows 2 $\frac{1}{2}$  feet apart, and the plants thinned out to 18 to 20 inches in the rows; if sown too early the heat causes it to run to seed. The heads mature in 8 to 10 weeks.

**Chihili (Improved Pekin).** 75 days. Early and dependable in heading. Head 3 to 4 inches thick, tapered at tip, solid, blanches well, sweet and tender. A superior variety. Pkt. 15c.;  $\frac{1}{2}$ oz. 40c.; oz. 70c.;  $\frac{1}{4}$ lb. \$2.35.

**Pe-Tsai.** 75 days. Heads firm; grows somewhat taller than Wong-Bok, but not as thick through. Pkt. 15c.;  $\frac{1}{2}$ oz. 35c.; oz. 60c.;  $\frac{1}{4}$ lb. \$1.75.

**Wong-Bok.** 85 days. Does not grow as tall as Pe-Tsai, but is thicker through. Heads are elongated, self-folding, and require no blanching. Pkt. 15c.;  $\frac{1}{2}$ oz. 35c.; oz. 60c.;  $\frac{1}{4}$ lb. \$1.75.

**LAGS RABBIT CHASER.** Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle with directions, 50c.



Chantenay Carrots

## MICHELL'S CHOICE CARROT SEED

CAROTTE (Fr.) MOHRREUBE (Ger.)  
CAROTA (Ital.)

One ounce will sow 100 feet of drill;  
3 to 4 pounds, an acre

For an early crop, sow as soon as danger from frost is over, in rows 1 foot apart; when 2 inches high, thin out to stand 2 inches apart in the row. For a late crop, sow in May or June.

**California Bunching.** 77 days. The roots at full maturity are almost cylindrical, 1 to 1½ inches in diameter, about 8 inches long, smooth, and free from side shoots. Red flesh of fine quality. Pkt. 15c.; ½oz. 30c.; oz. 45c.; ¼lb. \$1.25; lb. \$3.75.

### Chantenay Half-Long, Special Strain.

72 days. Selected for earliness and uniformity, its tenderness and fine flavor have proved it a superior stock. A stump-rooted, orange-scarlet variety, 5 inches long, with tender, fine-grained flesh. Especially desirable for market or home use. Pkt. 15c.; ½oz. 30c.; oz. 45c.; ¼lb. \$1.25; lb. \$3.75.

**Chantenay Half-Long. Usual Strain.** 72 days. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

**Coreless or Nantes Half-Long.** 70 days. One of the finest medium-sized sorts. Roots blunt-pointed, smooth, bright orange, and of excellent quality. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

**Danvers Half-Long.** 75 days. The best for general-crop variety; a heavy yielder and excellent keeper. It is stump-rooted, 6 to 7 inches long, and rich orange. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.55; lb. \$4.65.

**Early Scarlet Horn.** 64 days. A favorite early red variety. Stump-rooted, about 6 inches long; flesh fine-grained and of good flavor. Ideal for soups. Pkt. 20c.; ½oz. 35c.; oz. 55c.; ¼lb. \$1.75.

**Guerande or Oxheart.** 72 days. A desirable variety on soils too hard and stiff for the longer-growing sorts, as it is not over 3 to 4 inches long. Flesh rich orange, of fine flavor. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

**Imperator.** 77 days. The roots are 7 to 8 inches long, tapering gradually toward the tip. The fine-grained deep orange flesh is exceptionally mild and of sweet flavor. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

**Improved Long Orange.** 88 days. Deep orange, 10 inches long. Yields heavily. Fair table quality; best for stock-feeding. Pkt. 10c.; ½oz. 25c.; oz. 40c.; ¼lb. \$1.10; lb. \$3.00.

## MICHELL'S CHOICE CABBAGE SEED

CHOU POMME (Fr.) KOPF KOHL (Ger.) CAVOLO CAPPUCIO (Ital.)

One ounce will produce about 3000 plants; 4 ounces, enough for an acre

Our strains, the very best to be had, are selected from specimen heads in well-rogued fields. Sow seed of the early varieties in February in hotbeds and transplant, the latter part of April or early in May, to open ground, or an early sowing can be made in open ground as soon as weather permits. Set plants in rows 2 feet apart and 1 to 1½ feet apart in the row. Sow second-early varieties in April and transplant in May; late varieties in May and transplant in July, setting plants in rows 3 feet apart and 2 feet apart in rows. Never plant Cabbage in the same location two years in succession.

### Early Cabbage

**Allhead.** 78 days. The largest of the early Cabbages. Head roundish flat and remarkably solid; excellent for winter as well as early spring. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.35; lb. \$6.95.

**Charleston or Large Wakefield.** 74 days. Similar to Extra-Early Jersey Wakefield, but the heads are more blunt, grow almost twice the size, and mature one week later. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. \$1.75.

**Copenhagen Market.** 69 days. An early, round-headed variety, following Golden Acre. The heads frequently weigh as much as 10 pounds. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.35.

**Extra-Early Jersey Wakefield.** 63 days. Uniform, pointed heads. Outer leaves form a protection for the heads, permitting it to be set out earlier than other sorts. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. \$2.00.

**Glory of Enkhuizen.** 80 days. Regarded as the standard midseason variety. Well adapted for kraut purposes. Head is 9 inches in diameter, solid, round, of very fine quality. A sure cropper. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.35.

**Golden Acre.** 64 days. Dwarf plants and round, solid, uniform heads, averaging 5 pounds in weight. Has few outer leaves, making it suitable for close planting. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.35; lb. \$6.95.

**Green Acre.** 66 days. An entirely new type of extra-early, round-headed Cabbage. The only white variety which possesses an inherent green-colored surface of head. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.35; lb. \$6.95.

### Yellows-Resistant Varieties

These are highly recommended to yield satisfactory crops where other varieties fail because of Wilt or "Yellows."

**Wisconsin All-Seasons.** 90 days. Selected from All-Seasons. Late drumhead variety showing great resistance to mosaic disease and yellows. It is exceptionally hardy and will withstand drought and insects unusually well. Very heavy yielder. Pkt. 20c.; ½oz. 60c.; oz. 95c.

**Bugner.** 100 days. One of the most popular of the green type of yellows-resistant Cabbage. Very large, slightly flattened, globe-shaped head weighing 8 to 10 pounds. Very high yielding and a good keeper. Pkt. 20c.; ½oz. 60c.; oz. 95c.

**Wisconsin Ballhead.** 85 days. A yellows-resistant strain selected from Danish Ballhead, practically identical in type and season. Round, solid, compact head with short stem and blue-green foliage. Pkt. 20c.; ½oz. 60c.; oz. 95c.

**Globe.** 75 days. A yellows-resistant strain of Glory of Enkhuizen; of similar type and usage. Heavy yielder, widely used for kraut and shipping. Pkt. 20c.; ½oz. 60c.; oz. 95c.

**Jersey Queen.** 66 days. The first of the resistant types to mature. In type and earliness similar to Jersey Wakefield. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.35.

**Marion Market.** 79 days. A very large, round head; early, solid and of fine quality. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.35.

**Mitchell's Danish Red Ballhead.** 105 days. Our strain of this popular yellows-resistant variety is similar to the Danish Ballhead type, differing only in color, which is purple-red becoming deeper with maturity. Pkt. 20c.; ½oz. 75c.; oz. \$1.50.

**Wisconsin (Hollander).** 105 days. A splendid late variety. Attractive, large, globular heads; very solid, weighing from 8 to 10 pounds. Splendid for winter and an excellent variety for kraut. Pkt. 20c.; ½oz. 60c.; oz. 95c.; ¼lb. \$3.15.

**Red Hollander.** 100 days. A uniform round head, late, purple-red Cabbage. Solid and compact from formation to maturity. Highly resistant to the yellows. Pkt. 20c.; ½oz. 75c.; oz. \$1.50.

### Late or Winter Varieties

**All-Seasons or Vandergaw.** 87 days. Very large head, round and solid, valuable for late summer or winter use. Pkt. 15c.; ½oz. 45c.; oz. 75c.; ¼lb. \$2.40.

**Danish Ballhead. Dwarf Stem.** Unequaled for massiveness, weight, and keeping qualities. It is crisp, tender, and sweet. Does well under almost any condition of moisture or drought. Pkt. 15c.; ½oz. 45c.; oz. 75c.; ¼lb. \$2.40.

**Late Flat Dutch.** 100 days. This seed has been selected especially for our trade from the finest type of heads, chosen for solidity and uniformity. Large heads of unsurpassed quality. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.35.

**Mammoth Red Rock.** 100 days. Good winter keeper. Heads globe-shaped, slightly flattened, and very hard. Pkt. 15c.; ½oz. 60c.; oz. 95c.; ¼lb. \$3.15.

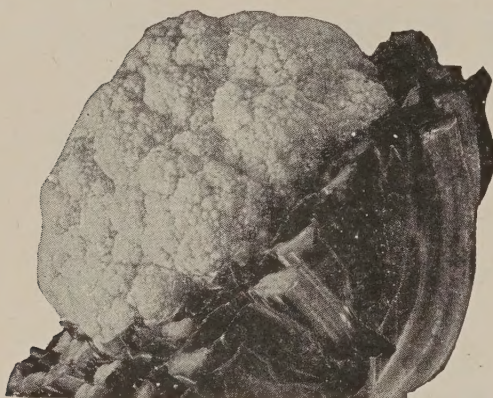
**Perfection Drumhead Savoy.** 90 days. A beautiful crimped-leaved sort with almost round, deep glossy green heads. Savoy Cabbage is distinctly flavored, being much sweeter than the other kinds. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. \$2.35.

**Penn State Ballhead.** 105 days. Exceptionally hard, flattened globe heads 6 to 7 inches deep. Very good for winter storage and kraut. Pkt. 15c.; ½oz. 45c.; oz. 75c.; ¼lb. \$2.40.



Charleston or Large Wakefield Cabbage

Take your "daily dozen" with a hoe—there's nothing like it



New White Wonder Cauliflower

## CAULIFLOWER

CHOU-FLEUR (Fr.) BLUMENKOHL (Ger.)  
CAVOL FIORE (Ital.)

One ounce will produce about 3000 plants

Sow seed in hotbeds or window-boxes, in February or March, and transplant in coldframes. When hard frosts are over, plant outdoors. For second crop, sow in April and set out in May; for late crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row.

**Danish Giant or Dry Weather.** 67 days. An ideal variety for summer use, as it stands drought and heat better than other sorts. Enormous snow-white heads. Later than other varieties. Pkt. 25c.; large pkt. 60c.;  $\frac{1}{4}$ oz. \$1.25;  $\frac{1}{2}$ oz. \$2.00; oz. \$3.50.

**Early Snowball.** 54 days. Fine for either forcing under glass in coldframes or outdoor spring planting. Magnificent, medium-sized, white heads. Pkt. 25c.; large pkt. 70c.;  $\frac{1}{4}$ oz. \$1.50;  $\frac{1}{2}$ oz. \$2.25; oz. \$4.00.

**New White Wonder.** 55 days. An improved strain developed and bred for the critical grower. Good-sized, very solid heads, fine-grained, pure snowy white which does not turn yellow, even in the bright sunlight. Pkt. 25c.; large pkt. 75c.;  $\frac{1}{4}$ oz. \$1.75;  $\frac{1}{2}$ oz. \$2.75; oz. \$5.00.

**Snowdrift.** 55 days. One of the best varieties for shipping long distances. Plant of medium height with upstanding, medium green outer leaves. Head slightly larger than Snowball, firm, solid, very white, well protected by inner folding leaves; curd has fine texture and is free from small protruding leaves. Pkt. 25c.; large pkt. 70c.;  $\frac{1}{4}$ oz. \$1.50;  $\frac{1}{2}$ oz. \$2.25; oz. \$4.00.

**Super Snowball.** 55 days. A highly desirable main-crop variety; also used for early planting. Starts heading early and uniformly. Heads medium large, compact, very white. Much used by produce growers and shippers. Pkt. 25c.; large pkt. 75c.;  $\frac{1}{4}$ oz. \$1.75;  $\frac{1}{2}$ oz. \$2.75; oz. \$5.00.

**Veitch's Autumn Giant.** 85 days. A very desirable, large, late variety. Pkt. 25c.; large pkt. 70c.;  $\frac{1}{4}$ oz. \$1.50;  $\frac{1}{2}$ oz. \$2.25; oz. \$4.00.

**Cauliflower Broccoli, Pearl Type, November.** This variety is very similar to the late-maturing Cauliflower. Under proper conditions seed sown in June will produce large white heads in November. Pkt. 25c.; large pkt. 75c.;  $\frac{1}{4}$ oz. \$1.75;  $\frac{1}{2}$ oz. \$2.75.

## CATNIP (Herb)

For making tea; a cat tonic, etc. Leaves and young shoots used for seasoning. Pkt. 15c.;  $\frac{1}{4}$ oz. 75c.;  $\frac{1}{2}$ oz. \$1.25; oz. \$2.00.

## CELERY

CELERI (Fr.) SELLERIE (Ger.)  
SEDANO (Ital.)

One ounce will produce 3000 to 5000 plants;  
 $\frac{1}{2}$  pound will sow an acre

Sow in hotbeds in March, or in open ground in April. See that no weeds infest the seedbed. When 3 inches high, transplant in a bed outdoors in rows 3 inches apart each way; let them remain there until July, when they should be planted where they are to mature, in rows 3 feet apart, 6 inches apart in the row. Celery plants, if topped a few times, before and when transplanted into their permanent growing place, will make shorter, stockier plants.

Seeds offered on this page mailed  
postpaid at quoted prices

**Michell's Super Fullheart.** 107 days.

During our search for the best, we found this strain of Easy-Blanching or Fullheart to be unsurpassed. Medium tall, compact, heavy, firm and crisp stalks. Excellent for hearts. Show considerable resistance to heart and root rot and blight. Pkt. 25c.;  $\frac{1}{4}$ oz. 75c.;  $\frac{1}{2}$ oz. \$1.25; oz. \$2.25;  $\frac{1}{4}$ lb. \$7.25.

**Michell's Super Pascal.** 137 days. This is by far the finest strain of Pascal Celery obtainable. Resistant to blight. Much heavier stalk than Giant Pascal. Stems entirely stringless. Stalks 22 to 24 inches tall. Pkt. 25c.;  $\frac{1}{4}$ oz. \$1.00;  $\frac{1}{2}$ oz. \$1.75; oz. \$2.50;  $\frac{1}{4}$ lb. \$8.25.

**Michell's Super Plume.** 114 days. Like all Michell's Super Strains of Celery, this is the result of years of careful and rigid selection. Will grow 24 to 26 inches tall, with heavy, stringless, crisp, superbly flavored, 9-inch stems. Withstands blight and other diseases far better than most strains. Pkt. 25c.;  $\frac{1}{4}$ oz. 75c.;  $\frac{1}{2}$ oz. \$1.25; oz. \$2.25;  $\frac{1}{4}$ lb. \$7.25.

**Summer Pascal.** 110 days. An early-maturing green Celery of superior quality that blanches to a pure white. The stems to first joint are 8 to 9 inches long. Pkt. 25c.;  $\frac{1}{4}$ oz. 75c.;  $\frac{1}{2}$ oz. \$1.25; oz. \$2.25.

**Easy-blanching.** 110 days. *Usual Strain.* An excellent early variety, being ready in October. Enormous, very crisp stalks. Pkt. 15c.;  $\frac{1}{2}$ oz. 50c.; oz. 90c.;  $\frac{1}{4}$ lb. \$3.00.

**Emperor.** 126 days. Dwarf-growing, very brittle, and of extra-fine flavor. A good winter keeper. Pkt. 15c.;  $\frac{1}{2}$ oz. 50c.; oz. 90c.;  $\frac{1}{4}$ lb. \$3.00.

**Golden Plume.** 115 days. *Usual Strain.* Matures early and blanches quickly. Crisp, tender, stringless stalks of finest flavor. Pkt. 15c.;  $\frac{1}{2}$ oz. 75c.; oz. \$1.25;  $\frac{1}{4}$ lb. \$3.75.

**Golden Self-blanching.** 114 days. The beautiful golden stalks attain a height of 1 $\frac{1}{2}$  feet, are never pithy, and of excellent flavor. Ready in October, but may be kept for early winter use. Pkt. 15c.;  $\frac{1}{2}$ oz. 75c.; oz. \$1.25;  $\frac{1}{4}$ lb. \$3.75.

**Giant Pascal.** 138 days. Thick, meaty, tender stalks of unsurpassed flavor. One of the best because of its long season, being fit for use in October and keeps well into spring. Pkt. 15c.;  $\frac{1}{2}$ oz. 75c.; oz. \$1.25;  $\frac{1}{4}$ lb. \$3.75.

**Salt Lake or Utah.** 127 days. An excellent green variety for all uses. Matures about a week or ten days earlier than Giant Pascal. Plants compact and exceptionally solid. Stems thick, well rounded, of fine quality, and rich nutty flavor. Pkt. 15c.;  $\frac{1}{2}$ oz. 75c.; oz. \$1.25;  $\frac{1}{4}$ lb. \$3.75.

## CELERY, continued

**White Plume.** 112 days. The standard early Celery for market and the home-garden. The stalks and heart blanch very quickly to almost a pure white; very crisp and brittle. Ready early in November. Pkt. 15c.;  $\frac{1}{2}$ oz. 50c.; oz. 90c.;  $\frac{1}{4}$ lb. \$3.00.

**Winter Queen.** 132 days. A medium tall, solid variety that will retain its qualities long through the winter. The heart is very full and large. Pkt. 15c.;  $\frac{1}{2}$ oz. 50c.; oz. 90c.;  $\frac{1}{4}$ lb. \$3.00.

## CELTUCE

80 days. Belongs to the lettuce family. When the light green leaves are young it may be used as lettuce and when the mature stalks are peeled of the tough outer skin they may be cooked or used as a raw vegetable like celery. Pkt. 15c.;  $\frac{1}{4}$ oz. 35c.;  $\frac{1}{2}$ oz. 65c.; oz. \$1.25.

## CELERIAC

This is a two-purpose vegetable; the leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled, and served as a salad.

**Giant Prague.** 112 days. Pkt. 10c.;  $\frac{1}{2}$ oz. 60c.; oz. 90c.;  $\frac{1}{4}$ lb. \$3.00.

## Celery for Flavoring

Not for sowing.  $\frac{1}{4}$ lb. 75c.

## CHIVES • Schnittlauch

Indispensable for flavoring certain dishes, imparting a mild taste of onion. The plants are hardy and will last for years. For winter use, lift and plant in a pot or box and place in a sunny window in the kitchen.

**Seed.** Pkt. 25c.;  $\frac{1}{4}$ oz. 60c.;  $\frac{1}{2}$ oz. \$1.00; oz. \$1.75.

## CHICORY

One ounce will sow a row 100 feet long

**Magdeburg.** 120 days. The long, smooth white roots are used as a substitute for coffee when roasted and ground. Leaves may be used for salad. Pkt. 10c.;  $\frac{1}{2}$ oz. 40c.; oz. 60c.

**Witloof or French Endive.** 145 days. The roots are easily produced from seed, sown in May or June, in rows 1 foot apart; thin out the plants to 2 to 3 inches. They are taken up after a few hard frosts and cared for the same as turnips or similar crops. Used only as a winter vegetable, the top part only being edible. Plant under a bench in the greenhouse or a light, dry, warm portion of a cellar in a bed of rich garden soil 1 foot deep. Place about 6 inches apart each way. The top growth remains intact, and may be cut any time after 5 inches of growth. Roots should be set in the soil the same depth as they were originally in the garden. Pkt. 15c.;  $\frac{1}{2}$ oz. 45c.; oz. 75c.;  $\frac{1}{4}$ lb. \$2.25.

## COLLARDS

One ounce of seed will produce 3000 plants

Extensively grown in the South and used as "greens" during the winter months. In that latitude the plant is practically hardy. The lower leaves are pulled off and used; new ones then form on the upper part of the stem, which increases in height. Planted much like cabbage.

**Georgia or Southern.** 75 days. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.; lb. \$2.25.

**Cabbaging.** 70 days. A rich, tasty "green," long grown in the South, rapidly gaining in popularity in the North. Medium tall with clusters of loose-folding, tender leaves which can be picked as needed. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.; lb. \$2.25.

## MICHELL'S SELECTED SWEET SUGAR CORN

MAIS (Fr.)    MAIS (Ger.)    GRANO TURCO (Ital.)

One pound will plant about 150 hills;  
12 to 15 pounds, an acre

Plant once a week from the time the ground is permanently warm until July 15, 6 to 8 grains in a hill 3 feet apart each way, and thin out when 4 inches high to 3 or 4 plants to the hill, or plant in rows 3 feet apart and thin out so the plants stand 1 foot apart. Early varieties should be planted for a late crop to be sure of maturity.

Prices quoted on Sugar Corn are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post table on page 1. Larger quantities shipped at purchaser's expense.

### Open Pollinated Types

**Micell's Early White.** 60 days. An extra-early white Sweet Corn producing two large 12-rowed ears on each stalk. An excellent Corn for early market or home use. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Black Mexican.** 88 days. The grains of this medium-early variety cook white when young and a violet shade on the outside when older, but are good in both stages. Ears medium size. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Country Gentleman.** 95 days. A distinct sort, with deep, fine grains irregularly placed on the cob. In sweetness it is unapproached. Ears large. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Early Evergreen.** 90 days. Resembles Stowell's Evergreen, but ripens 10 days earlier. Large, well-shaped ears with deep grains. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Golden Bantam.** 79 days. While yellow in color this is one of the sweetest and earliest varieties. Ears medium size; kernels tender and delicious. We recommend it very highly for the home-garden. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Improved Golden Bantam.** 84 days. An excellent midseason Corn producing golden yellow ears 6 to 7 inches long, with 12 to 14 rows of sweet tender kernels. The stalks are 6 feet high, strong and vigorous. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Golden Giant.** 87 days. Ears about 11 inches long, well filled out from butt to tip with deep golden yellow grains. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Golden Sunshine.** 74 days. Matures 7 to 10 days before Golden Bantam. Dwarf habit. Ears 6½ inches long with 12 rows of broad, yellow, sweet grains. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Howling Mob.** 83 days. Fine for the market gardener, as well as for home use. Might be classed worm-proof, since the husk covers the ear completely. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Stowell's Evergreen.** 95 days. The best late Corn grown. Ears extra large, and produced in abundance. Its sweetness is unexcelled. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Vanguard (Improved Howling Mob).** 79 days. Height of stalk 5 to 5½ feet. Ears medium in length, thick, averaging 6 to 7 inches, short pointed; grains of average length, white, mostly in 12 to 16 rows. A favorite in New Jersey for a first-early Sweet Corn. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Whipple's Early Yellow.** 87 days. Produces a large ear of exceptional quality. Stalks large, often producing two marketable ears 8 to 9 inches long with 14 rows of broad, deep kernels. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

### Hybrid Types

**Alphagold.** 60 days. A very fine Corn of outstanding quality. Earlier than Golden Bantam and generally twice as productive, the attractive 8-inch, 12-rowed ears command a premium on the market. We have never seen its equal, and it holds this fine quality two to three days longer than other Corns. Pkt. 15c.; ½lb. 45c.; lb. 70c.; 5 lbs. \$3.25.

**Aristogold.** 83 days. Very satisfactory. It is tender, exceptionally well flavored, and produces a heavy crop. Pkt. 15c.; ½lb. 45c.; lb. 70c.; 5 lbs. \$3.25.

**Bantam Evergreen Hybrid.** 95 days. A late yellow hybrid with large 14 to 16-rowed ears. Stalks grow 7 to 8 feet tall. More resistant and better than Bantam Evergreen. Pkt. 15c.; ½lb. 45c.; lb. 70c.; 5 lbs. \$3.25.

**Carmelcross.** 79 days. A new development by the Connecticut Agricultural Experiment Station, and recommended for the northeastern states. Ears average 12 rows. Resembles Marcross but is later in maturing. Excellent quality. Pkt. 15c.; ½lb. 45c.; lb. 70c.; 5 lbs. \$3.25.

**Golden Cross Bantam.** 85 days. This hybrid of the Bantam type grows much larger stalks than the regular Bantam strain. Ears are 7 to 8 inches long, with 12 or 14 rows of fair-sized kernels. Ready for use in about 86 days from planting. Pkt. 15c.; ½lb. 45c.; lb. 70c.; 5 lbs. \$3.25.

**Hybrid Stowell's Evergreen Corn.** 93 days. Hybrid Stowell's Evergreen is recommended for the main and late crop. Compared with the open-pollinated type it makes a better root-growth, a sturdier stalk, is disease-resistant. Pkt. 15c.; ½lb. 50c.; lb. 75c.; 5 lbs. \$3.50.

**Ioana.** 83 days. A fine uniform All-America Winner that has made a place for itself in the market-garden trade. The well-filled ears are 8 inches long, 12 to 16-rowed. The suckerless stalks grow 6 to 7 feet tall, showing great resistance to drought. Pkt. 15c.; ½lb. 45c.; lb. 70c.; 5 lbs. \$3.25.

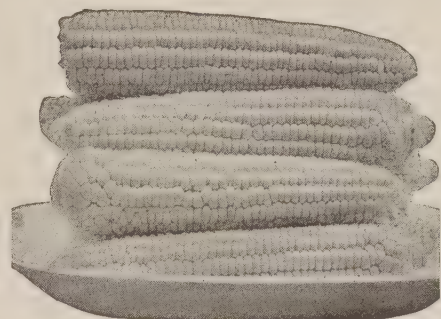
**Lincoln.** 83 days. 1942 Winner Bronze Medal. Tastiest ear of Corn grown today. Developed for home and market gardens. Stalks sturdy, highly resistant to Stewart's disease. Ears 12 or 14-rowed, well filled at tips; kernels golden yellow, of medium length and good flavor. Very prolific. Pkt. 15c.; ½lb. 45c.; lb. 70c.; 5 lbs. \$3.25.

**Marcross.** 76 days. Stalks short but sturdy, highly resistant to Stewart's disease. Ears long, plump, abruptly tapered at tips, 10 to 14-rowed, with light cream-yellow, medium-broad kernels of good quality. Pkt. 15c.; ½lb. 45c.; lb. 70c.; 5 lbs. \$3.25.

**Silver Cross Bantam.** 82 days. A snowy white counterpart of Golden Cross Bantam. The heavy 12 or 14-rowed ears are somewhat larger, the 7 to 8-foot stalks are free from suckers. Pkt. 15c.; ½lb. 50c.; lb. 75c.; 5 lbs. \$3.50.

**Spangcross.** 73 days. Stalk of medium height. Ear well filled, uniform, attractive, having 10 to 14 rows of golden yellow kernels of good quality. Pkt. 15c.; ½lb. 45c.; lb. 70c.; 5 lbs. \$3.25.

**Tendermost.** 83 days. A very fine Corn of outstanding quality. The clean golden 14-rowed ears are deliciously sweet and develop a brilliant color. They have plump, well-filled tips with deep kernels. It has a great degree of resistance to smut and is less damaged by earworms than most yellow Corn. Pkt. 15c.; ½lb. 45c.; lb. 70c.; 5 lbs. \$3.25.



Ioana Hybrid Sweet Corn

### HYBRID TYPES, continued

**Top Flight Bantam.** 82 days. One of the outstanding winners from the All-America seed trials. This handsome 14 to 16-rowed yellow Sweet Corn generally produces two well-developed ears to a stalk. They are 9 inches long, well filled, tender and succulent. Will yield more marketable ears per acre than any other kind. Pkt. 15c.; ½lb. 45c.; lb. 70c.; 5 lbs. \$3.25.

### Pop Corn (Shelled)

**Queen's Golden.** Pops white. ½lb. 30c.; lb. 45c.; 3 lbs. \$1.25.

**Snowflake.** ½lb. 30c.; lb. 45c.; 3 lbs. \$1.25.

## CORIANDER

Herb used for flavoring, etc. Pkt. 15c.; ½oz. 50c.; oz. 90c.

## CRESS

The Cresses furnish warm pungent flavor to salads and are useful for garnishings.

**Garden Cress, Curled or Peppergrass.** 45 days. A very hardy, fast-growing annual producing an abundance of attractive, finely curled, dark green foliage of a pleasant pungent flavor which is splendid for garnishing. Pkt. 15c.; ½oz. 60c.; oz. \$1.00.

**Upland.** 45 days. Sow thickly in early spring, in drills 1 foot apart, and follow every two weeks, up to August 1, with a new sowing. It is prepared with either a little salt and vinegar, or without. Makes a very tasty salad. Pkt. 15c.; ½oz. 35c.; oz. 55c.

**Water-Cress, True Erfurt.** This may be sown early in spring near the brink of a pond of spring water or stream of running water. Scatter the seed and it will sprout and grow rapidly; once established, it remains for years, reseeding itself. Cannot supply.

## DILL

An herb used extensively for culinary purposes and for putting with cucumbers when pickling. Grows 2½ feet high. Pkt. 10c.; oz. 35c.; ¼lb. \$1.00.

## FENNEL

**Finocchio or Florence.** Herb. Pkt. 15c.; ½oz. 35c.; oz. 50c.; ¼lb. \$1.25.

**Sweet.** Herb. Pkt. 15c.; ½oz. 35c.; oz. 50c.; ¼lb. \$1.25.

## HERBS

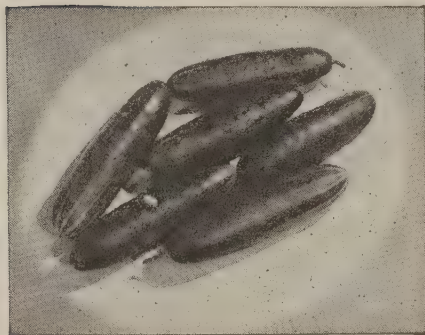
For list and descriptions, see pages 15, 70, 72

Plant when the ground has become thoroughly warmed, in hills 4 feet each way, 8 seeds in a hill. When the second set of leaves has formed, thin out to 4 plants in a hill. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Arsenate of Lead; when this is used, always wash the fruits thoroughly before using. If the foliage is attacked beneath by aphid or green fly, a spraying with Black Leaf 40 is usually very effective.

## MICHELL'S CUCUMBERS

CONCOMBRE (Fr.) GURKEN (Ger.) CETRIOLO (Ital.)

One ounce will sow 60 hills; 2 to 3 pounds, an acre



Early Market Cucumber

### MICHELL'S CELEBRITY

66 days

Originated by Mr. William E. Vail,  
Yorktown Heights, N. Y.

This beautiful Cucumber is the result of many years of painstaking effort on the part of Mr. Vail, who has been specializing in the growing of Cucumbers for over a quarter of a century. He believes that in this variety he has produced a Cucumber that no other can surpass in attractiveness and uniformity. The fruit will average 9 x 2½ inches, is slightly tapered at the ends and of an unfading deep green color. Flesh is pure white, crisp and entirely free from bitterness. The vines are vigorous, extremely prolific and highly resistant to disease. Pkg. only 25c.

**Cubit.** 64 days. Bronze Medal, 1944 All-America Selections. A prolific, white-spined, main-crop variety distinguished by unusually uniform dark green exterior color, and long, blunt-ended, cylindrical shape. Of smooth crisp texture, with small seed cavity, admirably adapted for slicing. Pkt. 20c.; ½oz. 50c.; oz. 95c.

**A. & C. CUKE.** 67 days. A proved leader for both home-garden and market-garden use. Fruits nearly cylindrical, 2¾ inches in diameter, 9 to 11 inches in length. Seed cavity exceptionally small. Very good slicer. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

**Arlington White Spine.** 62 days. This is the leading sort for the home or market garden, and with those who make a specialty of growing them under glass. Fruits smooth, deep green to the tip, and measure uniformly 8 inches in length. Few seeds, making it valuable for slicing or pickling. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

**Colorado.** 68 days. Long; green. Popular because of excellent shape and good color. Unusually productive and highly resistant to disease. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

**Crystal Apple.** 65 days. An amazingly attractive Cucumber, perfectly round, crystal-white at all stages, with a sweetness and lack of Cucumber flavor that is remarkable. Produces a tremendous number of fruit about the size of a lemon when mature. Pkt. 20c.; ½oz. 50c.; oz. 95c.

**Davis Perfect.** 65 days. Fruits uniform in shape and size, often measuring 10 to 12 inches in length, dark green all over, quite smooth. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

**Early Fortune.** 64 days. One of the finest Cucumbers of the White Spine type. The medium length, dark green fruits hold their color for a long time after pickling; flesh white, very crisp. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

**Early Market.** 60 days. A new dark green variety of uniform shape and size, averaging 8 inches in length. Excellent for slicing. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

**Gherkin or Burr.** For pickling only. The small fruits are about 2 inches long, of thick, rounded form, very prickly when green. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

**Improved Long Green.** 67 days. Well-known standard variety. Its dark color makes it desirable for market. The vines are vigorous and productive. Fruits are formed almost as early as the short sorts and average 1 foot in length. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

**Leman.** 65 days. A very prolific variety producing an abundance of deep lemon-yellow fruit, 3½ inches long and almost as thick. Of superior quality for slicing and pickling. Pkt. 20c.; ½oz. 50c.; oz. 95c.

**Michell's Forcer.** 72 days. Extra long, dark green, fine quality. Handled properly will average 2¾ inches in diameter and 15 inches in length. Suitable for both greenhouse forcing and outdoor culture. Quality and color stand up well in transit. Pkt. 15c.; oz. 50c.; ¼lb. \$1.65.

**Straight 8.** 64 days. Fine dark green color, free of white tips. Grows 8 inches long by about 1½ inches thick and is of remarkably uniform straight shape. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

**Michell's Climbing.** 66 days. A trellis variety used for shade as well as eating purposes. The vine is very ornamental and produces extra-long, light green fruits in abundance. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

**National Association Pickling.** 56 days. A highly desirable, very extensively used pickling strain. Fruits dark green, symmetrical, with thick walls, full ended, slightly shorter than Chicago Pickling. Pkt. 10c.; oz. 25c.; ¼lb. 85c.

## DANDELION

PISSENLIT (Fr.) LOEWENZAHN (Ger.)  
DENTE DE LEONE (Ital.)

Seed should be sown in spring, in a bed where the plants should remain for the season; late in the fall, cover the bed with a movable sash or leaves or salt hay for protection.

**Italian (Cichoria Catalogna).** A new introduction in this country and in great demand as greens. The main stalk produces leaves resembling the broad-leaved variety, but much greater in length. It is out and bunched same as asparagus. Pkt. 15c.; ½oz. 45c.; oz. 85c.

**Thick-Leaved or Cabbaging.** This is far superior to the common variety, having much broader and longer foliage. We offer a very fine stock. Pkt. 15c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

**Arlington Thick-leaved (French Broad-leaved).** Also known as Improved Thick-leaved. The most popular variety. Plant rather upright, forming a 20-inch rosette of large, broad leaves which are thick and easily blanched. Pkt. 15c.; ½oz. 45c.; oz. 85c.; ¼lb. \$2.50.

## ENDIVE • CHICORY

CHICOREE (Fr.) ENDIVIEN (Ger.)  
INDIVIA (Ital.)

One ounce will sow 200 feet of row

Sow from June to August, in shallow drills; when 2 inches high, thin out to 10 inches apart. When well developed, tie the plants together at the top, to blanch the inner leaves; do not tie up when the leaves are wet. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they may be lifted late in autumn and placed in a dry, cool cellar, covering the roots with soil.

**Full-Heart Batavian (Escarolle).** 71 days. Leaves broad, light green, nearly plain. Pkt. 10c.; oz. 35c.; ¼lb. \$1.15.

**Improved Green Curled.** 73 days. An improvement over the common green variety, producing a larger head and thicker leaves. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**White Curled (Self-blanching).** 73 days. This is the finest White Curled variety; always crisp and tender. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

## EGGPLANT

AUBERGINE (Fr.) EIERPFLANZE (Ger.)  
PETONCIANO (Ital.)

One ounce will produce 2000 plants

Sow seed in March in hotbeds, and when 3 inches high transplant into boxes or small pots. Plant outdoors in May or June or after the weather has become permanently warm, in rows 3 feet apart, with the plants set 2 feet apart in the row.

**Black Beauty.** 80 days. An extra-early, large, almost black variety with few seeds. Very prolific. Pkt. 10c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

**Florida High-bush.** 85 days. A prolific high-bush type, bearing its dark purple fruits well above the ground. Has proved a good shipper. Gaining in popularity. Pkt. 10c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

**Fort Myers Market.** 85 days. The plants are of the high-bush type, carrying fruit well off the ground. Quite resistant to disease. Fruit is intense purple-black, long and oval, with no neck at stem end. Excellent type for use in the Southeast. Pkt. 10c.; ½oz. 60c.; oz. \$1.10; ¼lb. \$3.25.

**New Hampshire Hybrid.** 68 days. A very early, highly productive variety. Fruit medium sized, blocky, pear-shaped, dark purple color. Plant is rather dwarf and upright; well adapted to sections where season is short. Pkt. 15c.; ½oz. 65c.; oz. \$1.25; ¼lb. \$3.75.

**New York Improved.** 83 days. An old standard sort that is quite large and more elongated than Black Beauty, with a rich purple color. Pkt. 10c.; ½oz. 50c.; oz. 95c.; ¼lb. \$3.00.

## HORSERADISH ROOTS

Ready in March

Set the roots in rows 2½ feet apart, 1½ feet apart in the row. Late in the fall lift as many roots as you think you will use, cut off the top, and place in a cool cellar, covered with soil or sand.

**Maliner Kren.** A quick-growing variety far superior to the common sorts. Large cuttings. 6 roots 50c.; 12 roots 75c.; 50 roots \$2.00; 100 roots \$3.75.

## GARLIC SETS

AIL (Fr.) KNOBLAUCH (Ger.) AGLIO (Ital.)

One pound will sow 200 feet of row.

A hardy flavoring Onion used extensively in the French method of cooking. Lb. 75c.

# Fresh crisp Lettuce! One of the finest of all green vegetables

## KALE . BORECOLE

CHOU VERT (Fr.) BLATTERKOHL (Ger.)  
CAVOLO VERDE (Ital.)

One ounce will sow 150 feet of row

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 feet apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition.

**Dwarf Blue Scotch.** 55 days. A hardy strain with finely curled foliage having a distinct blue tinge. Pkt. 15c.; oz. 50c.;  $\frac{1}{4}$ lb. \$1.50.

**Dwarf Green Curled.** 55 days. Very dwarf and compact, rarely attaining a height of over 6 inches. Dark green; very curly. Pkt. 15c.; oz. 50c.;  $\frac{1}{4}$ lb. \$1.50.

**Imperial Long-Standing.** 65 days. The outer edges of the leaves are very crimped, inside smooth, dark green, with bluish cast. Hardy and productive. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

## LETTUCE

LAITUE (Fr.) LATTICH SALAT (Ger.)  
LATTUGA (Ital.)

One ounce will produce about 2500 plants

Lettuce, crisp and appetizing is the backbone of salads. Salad bowls are increasingly popular. You will find the luscious mixed green salads adorning many tables. Packed with vitamins, Lettuce is indispensable in the garden.

### Heading Varieties

For the first outdoor crop, seed is usually sown in hotbeds in February or March and transplanted to the garden in April in rows  $1\frac{1}{2}$  feet apart, 8 to 12 inches apart in the row. For a succession, sow in drills in the open ground at intervals of two to three weeks and thin out to 8 inches apart. For plants to force in hotbeds from November until spring, sow seeds in hotbeds in the fall. Where it is difficult to have the heading varieties develop properly on account of soil condition, we recommend using loose-leaf varieties.

**Bibb.** 60 days. A distinct variety with a crispness and flavor of its own. The heads are medium sized, the outer leaves deep glossy green, and the interior bleaches to a rich yellowish waxy green. Pkt. 15c.;  $\frac{1}{2}$ oz. 35c.; oz. 65c.;  $\frac{1}{4}$ lb. \$1.95.

**Great Lakes.** 82 days. Bronze Medal, 1944 All-America Selections. A decidedly crisp heading Lettuce of the Imperial type. It is of excellent quality and exceedingly sweet and tender. A superior summer Lettuce that stands heat and sun and is exceptionally resistant to tip-burn injury. Very slow to shoot to seed. It does equally well in cool weather and will produce large solid heads. Pkt. 20c.;  $\frac{1}{2}$ oz. 65c.; oz. \$1.25.

**All Heart.** 71 days. An excellent Lettuce for either spring or summer use. The head, while large, has a loose heart of a decided buttery flavor. Can be used for sowing in frames. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 85c.

**Big Boston.** 75 days. A large, flat, cabbage-headed variety, excellent for midsummer or fall use, or under glass in early spring and autumn. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 85c.

**Boston Market** (White-seeded Tennisball). 73 days. Early, small-heading variety. One of the best for forcing. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 85c.

**Cosberg.** 76 days. A home-garden variety with ability to head in summer weather and resist tip-burn. Heads small and compact; outer leaves light yellowish green, crumpled and frilled. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 85c.

**Iceberg.** 84 days. A fine variety, producing large, solid, cabbage-like heads, firm, crisp, and of fine flavor. Leaves curly, slightly tinged red. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 85c.

**Siberian.** 65 days. A very hardy variety with large leaves that cook very tender. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

## KOHLRABI

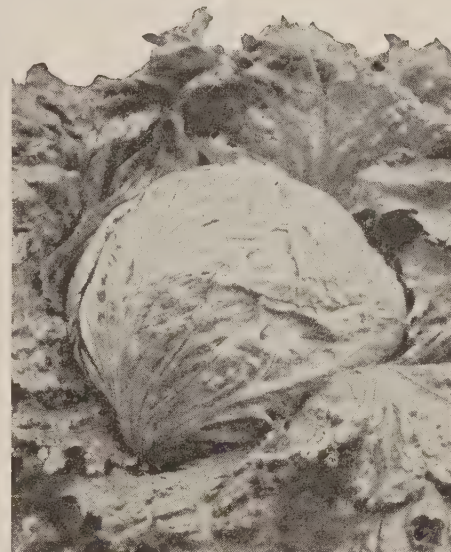
CHOU RAVE (Fr.) KOHLRABI (Ger.)  
CAVOLO RAPA (Ital.)

One ounce will sow about 200 feet of row;  
3 pounds, an acre

Sow seed in early spring, in hotbeds or outdoors, and transplant when 3 inches high, in rows  $1\frac{1}{2}$  feet apart, 6 inches apart in the row. The edible part is the root, which should be used when it attains a size of  $2\frac{1}{2}$  inches in diameter or less, when it is extremely tender.

**Purple Vienna.** 62 days. Flesh white; skin a bluish color. Used for outdoor sowing. Pkt. 15c.;  $\frac{1}{2}$ oz. 45c.; oz. 85c.;  $\frac{1}{4}$ lb. \$2.50.

**Early White Vienna.** This variety is suited for sowing under glass or outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. Pkt. 15c.;  $\frac{1}{2}$ oz. 45c.; oz. 85c.;  $\frac{1}{4}$ lb. \$2.50.



Imperial No. 44 Lettuce

**Imperial No. 44.** 82 days. This variety has very long, well-folded leaves and produces hard, well-formed heads appreciably less susceptible to tip-burn than other varieties. Pkt. 10c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.20.

**Imperial No. 847.** 84 days. A brown-blight-resistant variety for summer planting. Heads are medium large, hard, fine and well covered by the inner leaves. Pkt. 10c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.25.

**Improved Hanson.** 80 days. Tremendous, solid heads with outer leaves curled and interior almost white and very tender. Resists the heat well. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 85c.

**May King.** 63 days. The first solid head Lettuce to mature outdoors. It is of good size, with tender, full heart. Suitable for sowing under sash in early spring. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 85c.

**Michell's No. 1.** 70 days. A good variety for summer use as it resists the hot sun better than most sorts. Heads unusually large, tender, and of a delicious buttery flavor. We do not recommend it for forcing. Pkt. 15c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.25.

**Mignonette.** 65 days. Splendid for the home-garden, being of excellent quality, crisp and sweet. Medium small in size, compact and hard heading. Very dull dark green in color, dark brown at edge of leaf with well-blanching creamy yellow heart. Very reliable for spring and fall sowing. Pkt. 15c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.25.

**New York or Wonderful No. 12.** 80 days. This is a leader of the cabbage-headed sorts. Heads large, dark green, with white interior and curled outer leaves. Pkt. 10c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.25.

**Oak Leaf.** 45 days. A very novel, beautiful golden green Lettuce of fine form and valuable because remarkably slow to shoot to seed. Makes attractive loose-leaf heads during the hottest summer weather; no other variety grows so well at that time of the year. The leaves are broad, deeply lobed like an oak leaf, thick, succulent and tender. Pkt. 15c.;  $\frac{1}{2}$ oz. 35c.; oz. 65c.;  $\frac{1}{4}$ lb. \$1.95.

**White Big Boston.** 72 days. A new heading variety which resembles Big Boston in size, solidity and general appearance, but it lacks the brown edge so common in that variety. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 85c.

### Loose-Leaf or Cutting Varieties

For early or midsummer use, seed should be sown very thickly. When pulling the young plants, try to do so carefully, with an effort to thin out the bed, thus allowing the remaining plants to become large.

**Black-seeded Simpson.** 46 days. Ideal for midsummer use. When matured, presents a formidable loose head with finely fringed leaves. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

**Early Curled Silesian.** 45 days. This variety should be cut instead of pulled, as it makes new growth from the same root. Leaves light green. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

**Early Curled Simpson.** 45 days. An excellent, curly-leaved sort; loose heads and very tender. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

**Grand Rapids.** 43 days. The leading variety in this class for forcing under glass, but may also be grown successfully outdoors. Leaves are very curly, crisp and brittle. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

### Chicken Lettuce

An excellent green for poultry or rabbits. Grows 18 to 20 inches high. Ready for cutting 40 to 45 days after sowing. Sow seed in rows or broadcast early in spring. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.; lb. \$2.10.

### Romaine . Cos Lettuce

This type, of French origin, differs greatly from the American varieties in its peculiar, upright growth. To produce tender heads, the outer leaves must be tied together at the top so that the inner ones blanch. It has a decided flavor. Best adapted to outdoor planting and stands the heat well.

**Dark Green Cos.** 66 days. Similar to the White Cos but darker green leaves. Inner leaves bleach a creamy to golden yellow with endive-like flavor. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 85c.

**Paris White Cos.** 66 days. White seed. Strong grower and very productive, with long, shell-shaped, medium green leaves of most excellent quality. A self-folder, but when plant is over half grown it is best to tie it up with string so that the inner leaves may be blanched perfectly white. Head 8 to 9 inches high, long loaf-shaped. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 85c.

## LEEK

POIREAU (Fr.) LAUCH (Ger.)  
PORRO (Ital.)

One ounce will sow about 100 feet of row

Allied to the onion family, but producing no bulb. Sow seed in April, in rows 1 foot apart, covering the seed about an inch; when about 4 inches high, transplant where they are to grow, in rich soil in rows 1½ feet apart, 6 inches apart in the row.

**American Flag.** 142 days. Popular for the home-garden. Makes a longer but narrower stalk than others. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.50.

**Giant Carentan.** 150 days. Produces colossal stalks of tender quality. Excellent for exhibition purposes. Pkt. 15c.; ½oz. 55c.; oz. \$1.00; ¼lb. \$3.50.

## LAVENDER

Herb whose fragrant dried flowers are used in sachets. Pkt. 25c.; ¼oz. 60c.; ½oz. \$1.00; oz. \$1.75.

## MINT

Herb used for flavoring. Plants only. See pages 70 and 72.

## MUSKMELON

MELON MUSCADE (Fr.) MELONE (Ger.)  
POPONE MELONE (Ital.)

While these do best in a light, sandy loam, any good, well-prepared garden soil suits them. Plant when the ground has become permanently warm, in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves has formed, thin out to 4 plants in a hill. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, raise up the vines and spray underneath with Arsenate of Lead or some of the various Nikoteen preparations.

**Emerald Gem.** 85 days. Flat; sweet, rich salmon flesh that ripens close to the rind. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**Fordhook.** 88 days. Flat; flesh salmon-orange, very sweet. Fruits large, often weighing 2 pounds each. Early and very prolific. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**Hale's Best.** 82 days. Heavily netted fruits with salmon-color flesh; oval form; fine quality. Excellent for long-distance shipping. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

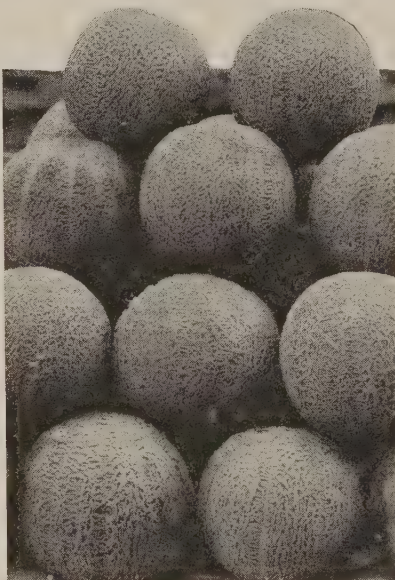
**Hearts of Gold.** 90 days. Midseason. Round fruit, distinctly ribbed; thick, deep salmon flesh of excellent flavor and can be eaten close to the rind. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**Honey Dew.** 112 days. Matures late. Fruits large—6 inches in diameter and 7 to 8 inches long—with smooth, creamy white skin with occasional netting. Thick, emerald-green flesh, melting, and of delicious flavor. Ripe melons can be kept for several weeks before using. Pkt. 10c.; oz. 35c.; ¼lb. \$1.10.

**Honey Rock.** 81 days. Medium size, round as a ball, and with a coarse netting. Flesh thick and of a deep orange color. Ripens early and has proved to be very productive. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**Michell's Delicious.** 83 days. Large fruits often weigh 15 to 20 pounds. Flesh is deep orange-salmon, of fine quality. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**Pride of Wisconsin.** 90 days. A new introduction with considerable merit. The rind is a gray color, with a distinct netting. Flesh is unusually thick and of very good flavor. Carries well in shipping. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.



Hearts of Gold Muskmelons

## MUSKMELON, continued

**New Surprise.** 90 days. A large variety, often weighing 8 to 9 pounds, oval in shape, with prominent ribs. The green skin (slightly netted) turns to cream color as it ripens. Flesh bright salmon, thick and sweet. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

**Rocky Ford.** 92 days. Medium-early variety. Fruit oval, covered with a fine netting; flesh green, very sweet, highly flavored. Pkt. 10c.; oz. 40c.; ¼lb. \$1.25.

## MANGEL-WURZEL

See page 4.

## WATERMELON

MELON D'EAU (Fr.) WASSER MELONE (Ger.)  
MELONE D'ACQUA (Ital.)

One ounce will sow 30 hills; 4 pounds, an acre

Plant in hills 8 to 10 feet apart each way, 8 to 10 seeds in each hill, covering ½ inch deep. When well established, thin out to three or four of the strongest plants to each hill. Watermelons should not be planted until after the soil has become thoroughly warm. We offer the varieties which we know are the better ones.

**Dixie Queen.** 85 days. A splendid melon with thin, tough rind, light green in color with dark green stripes. Flesh is fine-grained, tender and lusciously flavored, rich scarlet. Average weight 30 pounds. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Halbert Honey.** 82 days. The long fruits with blunt ends are very large, often weighing 50 pounds. Rind is thin, dark green; flesh rich crimson and sweet. It is altogether a first-rater. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Harris' Earliest.** 75 days. Ripens early and on this account is one of the best for the northern states. Fruit oblong, marbled light and dark green; flesh bright red and of good quality. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Kleckley Sweets.** 85 days. Has a luscious tenderness all its own. Not a shipping variety, as the rind is too close to the ripe, fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

## WATERMELON, continued

**Stone Mountain.** 80 days. A good market- and home-garden variety. Round, slightly elongated, with light green skin and sweet flesh. Average weight 40 to 50 pounds. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Tom Watson.** 95 days. A handsome, large fruit, frequently 2 feet long and 1 foot in diameter, dark green rind and bright scarlet flesh of excellent texture and flavor. Nothing can touch it for shipping qualities. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**WATERMELON SEEDS.** For medicinal purposes. ¼lb. 75c.; ½lb. \$1.00; lb. \$1.75.

## Preserving Melon • Citron

**California Red-seeded.** 85 days. A large-fruited variety with pure white flesh and thin rind. It is planted like watermelon. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

## MUSTARD

One ounce will sow 75 feet of row

Makes a delicious green salad, pungent in taste, highly palatable, and healthful. Sow every two weeks in rows the same as spinach. Fine winter greens if sown in a heated frame or greenhouse, also fine if served with lettuce for flavoring. If the plant is allowed to stand, the seed can be harvested and used for other culinary purposes.

**Fordhook Fancy.** 65 days. Produces a large crop of leaves resembling an ostrich plume, which are of mild flavor. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Southern Giant Curled.** 65 days. The best of the curled Mustards. Sweet flavor; matures very early and produces abundant foliage. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

**Tendergreen or Spinach Mustard.** 40 days. A mild-flavored, dark green, smooth-leaved type. Foliage is prepared for the table the same as spinach or turnip greens. The leaves can be cut throughout the entire growing season. Resistant to heat and drought. Pkt. 10c.; oz. 30c.; ¼lb. 90c.

## OKRA or GUMBO

GOMBAUD (Fr.) OCHER (Ger.)  
OCRA (Ital.)

One ounce will sow about a 100-foot row

Sow seed thickly after frost and cold have disappeared, in rows 3 feet apart; when about 6 inches high, plants should be thinned out to stand 1 foot apart in the row. The pod is used when young and tender, sliced in soups and stews; what is not utilized during the summer may be harvested, cut in slices, dried in the sun, and used during the winter.

**Perkins Mammoth Long Pod.** 64 days. A leading home-garden and canning variety about 4 feet in height and literally covered with pods 6 to 7 inches long, dark green, tapered, fleshy and heavily ribbed and of excellent quality. Pkt. 10c.; oz. 20c.; ¼lb. 50c.

**Clemson Spineless.** 55 days. Silver Medal, All-America Selections. A uniform spineless strain of the Perkins long-podded type. Good quality, pods 8 to 9 inches long. Plants 4 to 5 feet tall. Pkt. 10c.; oz. 20c.; ¼lb. 60c.

**Dwarf Long Green-podded.** 51 days. Fine quality pods, somewhat smaller than the Clemson Spineless. Plants much smaller. Popular market- and home-garden variety. Pkt. 10c.; oz. 20c.; ¼lb. 60c.

**White Velvet or Creole.** 60 days. Pods are very free from ridges, almost perfectly smooth, tender; light green, almost white. Pkt. 10c.; oz. 20c.; ¼lb. 45c.

## MICHELL'S PURE CULTURE MUSHROOM SPAWN

This Spawn is made in quart milk bottles under absolutely sterile conditions, so that every mould, weed seed, or insect is destroyed and each bottle contains nothing but pure Spawn. One carton equals 5 bricks of ordinary Spawn and is sufficient to spawn about 40 square feet. The Spawn is dried thoroughly and wrapped in paper, with full directions how to grow mushrooms, and packed in cartons. Carton \$1.45; 10 cartons \$14.00.

### Pure Culture Brick Spawn

One brick will spawn 8 to 10 square feet  
Ask for our Free Leaflet on Mushroom Culture  
**Pure White.** Brick 40c.; 5 bricks \$1.75; 10 bricks \$3.25; 25 bricks \$7.50.

### Mushroom or Hotbed Thermometers

**No. 20450.** Iron point; oxidized finish. Price, \$4.00.

Thermometers should, wherever possible, be sent by Express. We do not guarantee safe arrival if forwarded by Parcel Post.

### GARDEN BOOK

By Vernon Hayes Davis. 241 pages. \$1.25.

## MICHELL'S SELECT ONION SEED

*Onions are essential in your garden*

OIGNON (Fr.) ZWIEBEL (Ger.) CIPOLLA (Ital.)

For full-size Onions, one ounce will sow a 100-foot row; 5 to 6 pounds, an acre. If it is desired to grow Onion Sets, sow 40 to 50 pounds per acre.

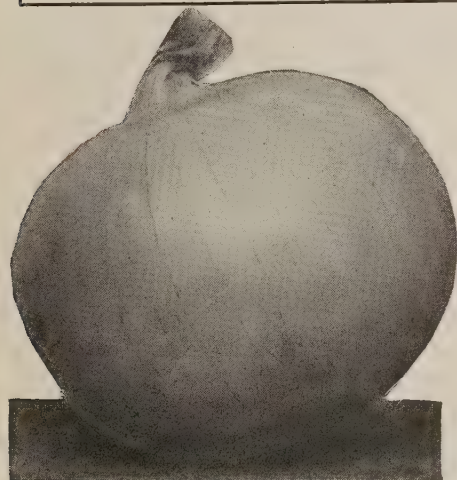
Sow in the early spring, in rows 2 feet or less apart, according to cultivation method employed. Seed should be firmed in the soil. If it is desired to grow full-size Onions the first year, thin out when 3 inches high, so that they stand about 3 to 4 inches apart. White Onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping.

**Bermuda White.** 93 days. Light yellow or straw-color. It is early, and if transplanted about 4 inches apart, will produce immense, flat bulbs. In the raw state it is very mild, and when cooked the flesh is tender and of a delicious flavor. Pkt. 15c.; ½ oz. 50c.; oz. 95c.; ¼ lb. \$3.20.

**Early Yellow Globe.** 98 days. It matures ten days to two weeks earlier than Southport Yellow Globe. The bulbs are of good size, globe to flattened globe in shape and straw-yellow in color. Skin is tough and the bulb is a better keeper than most other early varieties. Where quick-maturing early Onions are wanted, this variety should be tried. Pkt. 15c.; ½ oz. 50c.; oz. 90c. ¼ lb. \$3.00.

**Ebenezer.** 100 days. Excellent Onion for winter storage. Popular for growing sets. Yellow outer skin, white, mild flesh. Bulbs are large, somewhat flattened. Pkt. 15c.; ½ oz. 45c.; oz. 80c.; ¼ lb. \$2.55.

**Prizetaker.** 105 days. If sown thinly produces full-sized Onions in one season from seed, rivaling the Bermuda varieties for size and flavor, often weighing 3 pounds or more each. Pkt. 15c.; ½ oz. 50c.; oz. 95c.; ¼ lb. \$3.20.



Early Yellow Globe Onion

**Southport Red Globe.** 110 days. Medium to large, average early; smooth, deep purplish red skin; flesh mild, fine-grained, and tender. Excellent keeper. Pkt. 15c.; ½ oz. 45c.; oz. 80c.; ¼ lb. \$2.55.

**Southport White Globe.** 110 days. A round Onion, growing to an enormous size. The flesh, when cooked, is a rich milky color, tender, and of delicious flavor. In the raw state it is very mild. Pkt. 15c.; ½ oz. 50c.; oz. 90c.; ¼ lb. \$3.00.

**Southport Yellow Globe.** 115 days. Similar to the Danvers Yellow Globe, except that it is larger. A uniform-growing variety, every bulb being almost perfectly round and of the same size. Light straw-colored skin. Pkt. 15c.; ½ oz. 45c.; oz. 80c.; ¼ lb. \$2.55.

**Sweet Spanish. Riverside Strain.** 110 days. Large, globe-shaped, sweet variety, with golden yellow skin. An excellent keeper. Pkt. 15c.; ½ oz. 50c.; oz. 95c.; ¼ lb. \$3.20.

**White Bunching.** 60 days. An extra-fine variety for early spring and summer use. Seed sown early in the spring will produce long green scallions which blanch white and remain tender for a long time. They do not form a bulb on the bottom. Pkt. 15c.; ½ oz. 45c.; oz. 80c.; ¼ lb. \$2.55.

**White Portugal or Silver Skin.** 100 days. The standard white Onion for market or home use. Mild-flavored, semi-globe-shaped Onion, very uniform in growth and size. Pkt. 15c.; ½ oz. 45c.; oz. 80c.; ¼ lb. \$2.55.

**Yellow Globe Danvers.** 110 days. This almost round Onion is extensively sown by private and market gardeners on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. Pkt. 15c.; ½ oz. 45c.; oz. 80c.; ¼ lb. \$2.55.

### ONION SETS

One quart will plant about 50 feet of row  
*Shipped on local orders after March 15*

**Yellow.** Lb. 45c. **White.** Lb. 50c.

We give 32 pounds per bushel on Onion Sets, except Egyptian Tree Top which is 28 pounds per bushel.

### MULTIPLIER ONIONS

**Shallots.** Lb. 75c. **Garlic.** Lb. 75c.

**Yellow Multiplier.** Lb. 75c.

**Yellow Potato.** Lb. 75c.

**Egyptian Tree Top.** Ready September 10. Lb. 35c.



Champion Moss Curled Parsley

### PARSLEY

PERSIL (Fr.) PETERSILIE (Ger.)  
PREZZEMOLO (Ital.)

One ounce will sow 100 feet of row

Soak the seed for a few hours in warm water, then sow in rows 1½ feet apart; when 2 inches high thin out so the plants will stand 4 inches apart in the row. Ordinarily, it takes Parsley seed from 3 to 6 weeks to germinate, so that a little patience in growing this is necessary.

**Champion Moss Curled.** 70 days. The dark green, attractive, curled leaves and long stems make this variety suitable for bunching. Pkt. 10c.; oz. 35c.; ¼ lb. \$1.10.

**Double Curled or Covent Garden.** 70 days. Nicely curled leaves of a deep green color make this an elegant variety for garnishing steaks and salads. Dwarf in habit. Pkt. 10c.; oz. 35c.; ¼ lb. \$1.10.

**Hamburg or Rooted.** 90 days. The fleshy roots are used for flavoring soups, stews, etc. Pkt. 10c.; oz. 35c.; ¼ lb. \$1.10.

**Plain or Single.** 72 days. Leaves not curled. Pkt. 10c.; oz. 35c.; ¼ lb. \$1.10.

**Peerless.** 84 days. A fine selection of the Moss Curled type. This strain is hardy and remains deep green when other varieties have turned yellow. Right length for bunching. Pkt. 10c.; oz. 35c.; ¼ lb. \$1.10.

### PARSNIP

PANAIS (Fr.) PASTINAKE (Ger.)  
PASTINACA (Ital.)

One ounce will sow 150 feet of row;  
5 pounds, an acre

Sow early in spring, in drills about 2 feet apart, covering the seed lightly. When plants are 2 to 3 inches high, thin out so the roots will develop. Cultivate well.

**Improved Sugar or Hollow Crown.** 95 days. Roots clear white, clean, well filled and with small core, of fine texture and free from stringiness. The shape is intermediate, shoulders wide with a deep crown. Pkt. 15c.; oz. 25c.; ¼ lb. 75c.

### PEANUTS

ARACHIDE (Fr.) ERDNUSS (Ger.)  
CECE DE TERRA (Ital.)

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand

Peanuts can be grown in almost any well-drained garden soil, and should yield a big crop. The Peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen.

**Selected Virginia.** 145 days. ½ lb. 35c.; lb. 50c.; 5 lbs. \$2.25; 10 lbs. \$4.00.

## GARDEN PEAS

POIS (Fr.) ERBSEN (Ger.) PISELLO (Ital.)

Two pounds will sow 100 feet of row; 90 to 120 pounds, an acre

The smooth-seeded varieties may be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warm. Sow in single or double rows, 2 to 4 feet apart, according to the variety. To have a continuous crop, sow weekly up to May 15, then discontinue until August 1, when the early varieties may be sown for a fall crop.

Prices quoted on Peas are prepaid in quantities up to 5 pounds, to the First and Second Zones; for other Zones, see Parcel Post table on page 1. Larger quantities at purchaser's expense.

### Extra-Early Varieties

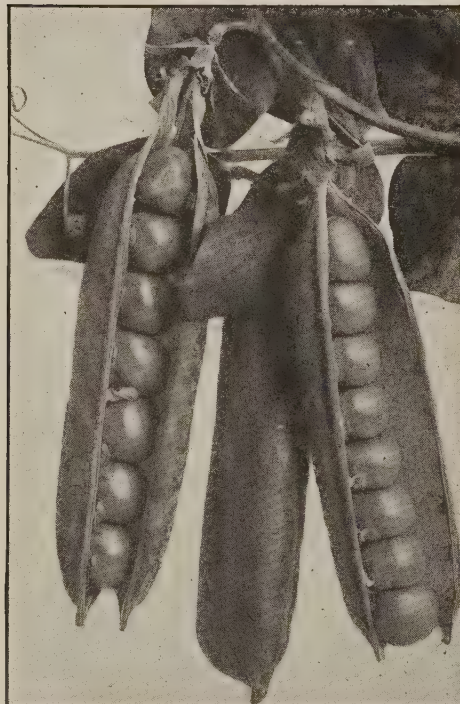
**Alaska.** 56 days. 2½ ft. Smooth-seeded. Very early. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Blue Bantam.** 62 days. 1½ ft. One of the best dwarf large-podded wrinkled Peas. Blue-green pods more than 4 inches long. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Early June.** 55 days. 2½ ft. A green-seeded, smooth Pea, desirable for first planting. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Early Bird or Laxton's Superb.** 60 days. The earliest large-podded, dwarf sort. Vines about 18 inches high, foliage light green. Produces an abundance of attractive pods about 4 inches in length, containing 9 to 10 Peas. Very tender and of excellent flavor. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Early Eight Weeks.** 50 days. Wrinkled variety, growing 12 to 15 inches high and commencing to bear 6½ weeks after planting. A heavy cropper and especially desirable where room is scarce. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.



Early June Peas

**Gradus or Prosperity.** 60 days. 3 ft. A popular and very early sort producing gigantic pods and Peas. Exceedingly luscious; wrinkled. An excellent freezing variety. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Laxtonian.** 63 days. 1½ ft. An extra-fine, early, dwarf sort with large pods well filled with Peas of extra-fine quality. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Laxton's Progress.** 62 days. 1½ ft. Earlier than Laxtonian. Long pods filled with 8 or 9 large Peas of excellent flavor. Highly recommended for freezing preservation. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Little Marvel.** 64 days. Dwarf, 18 to 20 inches. Sweet, wrinkled Peas. Prolific. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Nott's Excelsior.** 62 days. 15 in. A fine early wrinkled Pea, producing heavy crops of full pods. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Special Extra Early.** 56 days. 2 ft. The peer of the smooth-seeded sorts. Extremely early, lusciously sweet and tender. A grand yielder. Pkt. 10c.; ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Thomas Laxton.** 62 days. 3 ft. Exceedingly early and heavy producer of large pods filled with big wrinkled Peas of excellent flavor. Its heavy cropping qualities make it suitable for an early crop in the private garden. Highly recommended for freezing preservation. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Worried's Record.** 58 days. First early of the wrinkled Peas. Vines grow 24 to 30 inches tall, bearing a profusion of pointed pods 4 inches long, with 7 to 9 Peas of exceptionally fine quality. Adapted for freezing. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

### General or Late-Crop Varieties

**Alderman.** 74 days. 5 ft. A giant-podded variety of the Telephone group. Vines dark green. Pods dark green, tapered, 4½ to 5½ inches long, ¾ inch wide and contain 8 to 10 Peas. Recommended for home and market-gardens and shipping. An excellent freezing variety. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Champion of England.** 80 days. 5 ft. A very tall, rank grower, but a wonderful yielder of delicious quality, wrinkled Peas. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Dwarf Telephone.** 76 days. 18 in. One of the best medium-early sorts. Large pods filled with very sweet wrinkled Peas. Adapted for freezing. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Dwarf Champion.** 70 days. 2 ft. Possesses almost all the good qualities of the famous Champion of England, and has the further advantage of being dwarf. A very delicious Pea. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Giant Stride.** 74 days. One of the largest-podded varieties, 5 to 6 inches long, having 8 to 10 large Peas of excellent quality in each pod. The vine is semi-dwarf, 26 to 28 inches tall, with heavy stem. An excellent freezing variety. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Tall Telephone.** 75 days. 3½ ft. The finest late wrinkled Pea grown. Exceedingly sweet. An abundant producer. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.



Small Sugar Pumpkin

### Sugar or Edible-Podded Peas

Large, well-filled pods cooked with the Peas intact. Tender and exceedingly sweet.

**Dwarf Gray Sugar.** 65 days. 2 ft. Gray seed. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

**Tall Luscious Sugar.** 74 days. 4 ft. Gray seed. Pkt. 10c.; ½lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

## MICHELL'S PUMPKINS

POTIRON (Fr.) KURBIS (Ger.)  
ZUCCA (Ital.)

One ounce will sow 25 to 50 hills;  
4 to 5 pounds, an acre

Plant any time after the ground has become permanently warm, about 4 seeds to the hill, the latter to be about 8 feet apart each way. Do not plant near other vine crops, as they may hybridize the latter and spoil the taste. Seed can be planted among corn after the last working.

**Connecticut Field.** 118 days. Almost round light yellow fruits produced in great abundance. Pkt. 10c.; oz. 25c.; ¼lb. 60c.

**Crookneck Pie.** 110 days. A crook-necked deep green variety with darker stripes which turn to a rich golden yellow. Fruit sets and matures early. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**King of the Mammoths.** 120 days. Enormous in size. Orange-salmon skin; bright yellow flesh, fine-grained and of excellent quality for pies. Pkt. 10c.; oz. 35c.; ¼lb. 90c.

**Large Cheese.** 108 days. A large, flat-ribbed buff-yellow fruit with flesh of fine quality. An enormous producer, ideal for market, home-garden, and canning purposes. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**Mammoth Cushaw or Golden Crookneck.** 112 days. Meaty variety suitable for pies or for stock-feeding purposes. Tender, golden yellow flesh. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**Small Sugar.** 110 days. The true popular New England pie Pumpkin. Extremely high in sugar content. Small, round; deep orange; meaty, sweet and free from stringiness. Average weight 5 pounds. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**Tennessee Sweet Potato.** 110 days. An oblong, medium-sized fruit with a very light buff-yellow skin. It is delicious for pies, while for cooking for table use it is dry and tasty. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**Winter Luxury.** 100 days. The skin is a russet-yellow, while the flesh is golden orange when ripe. Pkt. 10c.; oz. 30c.; ¼lb. 75c.

**PUMPKIN SEED** for medicinal purposes. ½lb. 75c.; lb. \$1.25.

*Do you know that a few Pepper plants will supply a large family?*

## MICHELL'S PEPPERS

PIMENT (Fr.) PFEFFER (Ger.) PEPPERONE (Ital.)

One ounce will produce about 1200 plants

Sow the seed in a hotbed or window-box about March 1. Transplant to the open ground when all danger from frost is over, in rows 3 feet apart, 1½ feet apart in the row.

### Mild or Sweet Varieties

**California Wonder.** 72 days. A fine variety of great merit. The very large fruits often weigh 8 to 10 ounces each and are of glossy green color turning later to vivid red. Flesh thick and mild in taste. Pkt. 15c.; ½oz. 60c.; oz. \$1.00; ¼lb. \$3.25.

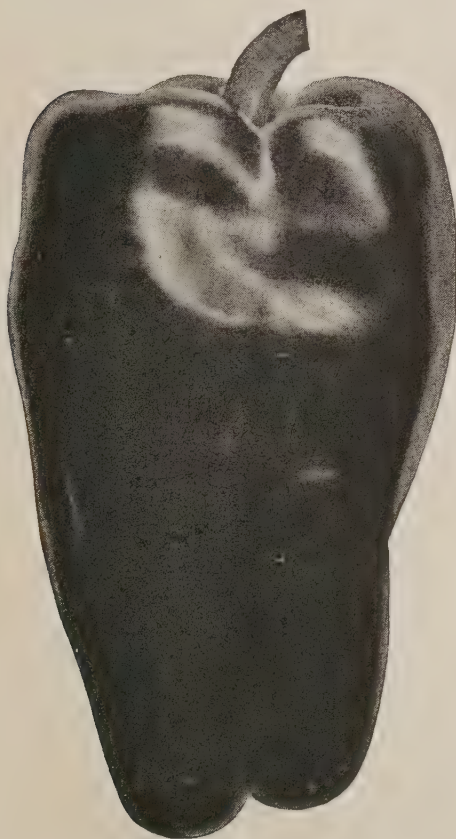
**Chinese Giant.** 80 days. Monster sweet Pepper with green fruit turning bright scarlet. Matures late. Fine for stuffed mangoes. Pkt. 15c.; ½oz. 60c.; oz. \$1.00; ¼lb. \$3.00.

**King of the North.** 64 days. A large, handsome, early variety recommended for sections where seasons are short. Dark green, turning to a beautiful red. Flesh fairly thick and of mild flavor. Heavy producer. Pkt. 15c.; ½oz. 50c.; oz. 85c.; ¼lb. \$2.75.

**Neapolitan.** 60 days. Large, early, thick-meated variety of mild flavor. Bright red when ripe. Pkt. 15c.; ½oz. 50c.; oz. 85c.; ¼lb. \$2.75.

**Pimiento.** 73 days. Excellent, uniformly shaped, sweet green changing to red when ripe. Pkt. 15c.; ½oz. 50c.; oz. 80c.; ¼lb. \$2.50.

**Ruby Giant.** 70 days. Very large, of mild flavor. Adapted for stuffing. Pkt. 15c.; ½lb. 50c.; oz. 80c.; ¼lb. \$2.50.



Ruby King Pepper

**Ruby King.** 68 days. Fruits 5 to 6 inches long and about 3 inches in diameter, green, turning to red as they mature, with flesh fairly thick and mild in flavor. Pkt. 15c.; ½oz. 50c.; oz. 80c.; ¼lb. \$2.50.

**Sunnybrook, Tomato or Squash.** 73 days. Upright grower, with small fruit shaped like a tomato and of mild flavor. Pkt. 15c.; ½oz. 50c.; oz. 85c.; ¼lb. \$2.75.

**World Beater.** 70 days. Very similar to Ruby Giant, but grows slightly larger; flesh very meaty and of mild flavor. Pkt. 15c.; ½oz. 50c.; oz. 80c.; ¼lb. \$2.50.

**World Beater No. 13.** 73 days. *New.* Introduced by the New Jersey Agricultural Experiment Station, the introducers of the famous Rutgers Tomato. This Pepper is immune to the most destructive disease of Peppers—mosaic. A prolific bearer of large, heavy-fleshed, dark green fruits which turn a ruby-red when fully matured. Pkt. 15c.; ½oz. 70c.; oz. \$1.20; ¼lb. \$3.45.

**Bell or Bull Nose.** 64 days. One of the earliest varieties and very hardy. The sturdy plants produce great numbers of green fruits, turning later to vivid scarlet; Pkt. 15c.; ½oz. 50c.; oz. 75c.; ¼lb. \$2.50.

### Hot Varieties

**Anaheim Chili.** 80 days. The fruit is 6 to 8 inches long and 1½ inches in diameter at the shoulder, tapering to point. Flesh is thick and mildly pungent, deep green turning to rich scarlet at maturity. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.75.

**Hungarian Wax.** 65 days. Fruits about 2½ inches in diameter and 4 to 5 inches long, golden yellow when young, turning later to scarlet. Very hot; used principally for pickling. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. \$2.75.

**Large Red Cherry.** 82 days. A large hot variety, extensively used for canning whole; averages 1½ to 2 inches in diameter; shaped something like a flattened tomato. Pkt. 15c.; ½oz. 50c.; oz. 80c.; ¼lb. \$2.50.

**Long Red Cayenne.** 70 days. A long red variety; very hot and used principally for bunching with potherbs. Pkt. 15c.; ½oz. 50c.; oz. 80c.; ¼lb. \$2.50.

**Red Chili.** 80 days. The small narrow red pods are very hot; used for seasoning. Pkt. 15c.; ½oz. 50c.; oz. 80c.; ¼lb. \$2.50.



## RHUBARB

RHUBARBE (Fr.) RHABARBER (Ger.)  
RABARBARO (Ital.)

One ounce will sow 125-foot row

Seed should be sown early in the spring, in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row. In the fall or following spring, the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that or two years after sowing the seed, the Rhubarb may be used. Roots may be planted in the spring up to May 15.

**Victoria.** Immense long stalks of a cherry-red color. Pkt. 15c.; oz. 50c.; ¼lb. \$1.25.

### Rhubarb Roots

*Ready April 1 for spring planting;*

**MacDonald.** A new variety of great merit. Fine for market or for home-gardens. 1 root 75c.; 6 roots \$4.00; 12 roots \$7.50.

**Victoria.** 1 root 40c.; 6 roots \$2.00; 12 roots \$3.50.

Clump, large field-grown, \$1.00 each; 6 for \$5.50.

## ROSEMARY

An herb that is used in seasoning and in the production of a volatile oil. Pkt. 25c.

## MICHELL'S CHOICE SEED POTATOES

POMME DE TERRE (Fr.) KARTOFFEL (Ger.) PATATA (Ital.)

Plant one peck for 100 feet of row

Plant 12 to 14 bushels per acre

**TIME OF SHIPMENT.** Potato-shipping with us commences about March 15 (weather permitting), unless otherwise requested. We can ship at customer's risk any time during cold weather. Our Potatoes are put up in sacks of 2½ bushels each.

**Beats Them All (Michell's).** This famous variety has given the best results wherever tried, yielding more than any other early Potato. Oblong in shape; quality fine. Extremely early, coming in about 7 to 10 days earlier than Early Rose.

**Early Rose (Houlton or Maine).** A leading variety for earliness, quality, and productiveness. Pink skin; oblong shape.

**Green Mountain.** An excellent general crop variety. White; roundish flat.

**Irish Cobbler.** An excellent sort, almost round in shape.

**Jersey Redskin.** Especially adapted for planting in light, sandy soil in late June and early July. Oval shape, medium size, and cook pure white.

**Russet.** An excellent late variety, claimed to be absolutely rust- and blight-proof. Oval or flat in shape; medium size.

*Prices on Seed Potatoes are established about March 1*

## MICHELL'S SELECT RADISH SEED

RADIS (Fr.) RADIES (Ger.) RAVANELLI (Ital.)

One ounce will sow 75 feet of row;  
8 to 10 pounds, an acre

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. Early sowings can be made as soon as frost is out of the ground. The winter Radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in a cool cellar and covered with sand.

### Early Varieties

**Cavalier.** 23 days. A very fine greenhouse stock of Scarlet Globe type. Roots are deep globe shape, bright scarlet, thin tap-root and a uniform bulber. Flesh firm and crisp, stays in eating condition longer than similar types. Top short but long enough for bunching. Pkt. 10c.; oz. 45c.;  $\frac{1}{4}$ lb. \$1.25.

**Crimson Giant.** 28 days. Early, large, globe-shaped Radish with crisp, solid flesh that remains a long time without getting pithy. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. \$1.00.

**Early Scarlet Globe.** 25 days. A special strain from transplanted roots. Uniform in shape, color, and size; short tops. One of the best. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. \$1.00.

**Early Scarlet or Cardinal Globe.** 26 days. For outside sowing. The vivid scarlet color and oval shape are perfect. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. \$1.00.

**French Breakfast.** 25 days. Rapid grower. Oblong, mild and tender; scarlet, tipped with white. Good for open ground or forcing. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. \$1.00.

**Icicle.** 27 days. An excellent white variety; grows  $3\frac{1}{2}$  to 4 inches long in 22 days. Valuable for forcing and for open ground. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. \$1.00.

**Long Scarlet Short-Top.** 27 days. A long, bright scarlet variety with small top. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. \$1.00.

**Michell's 25-day Scarlet Forcer.** *Special Forcing.* A popular variety for hot-bed or greenhouse; also valuable for outdoor planting. Very early, crisp, and mild. Pkt. 10c.; oz. 45c.;  $\frac{1}{4}$ lb. \$1.25.

**Philadelphia White Box.** 28 days. A selection of the old White Box Radish. It has more perfect form, produces shorter tops, and does not have a tendency to grow long. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. \$1.00.

**Round Red or Button.** 25 days. Extra early. Excellent for hotbed or garden culture. Flesh white, mild and tender. Pkt. 10c.; oz. 45c.;  $\frac{1}{4}$ lb. \$1.25.

**Scarlet Turnip, White-tipped.** 26 days. Fine early scarlet variety with white tip. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. \$1.00.

### Summer and Winter Varieties

**Celestial or White Chinese.** 60 days. Large; pure white; excellent keeper. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. \$1.00.

**China Rose.** 52 days. One of the best for winter use. Half-long in shape with a scarlet, blunt tip; flesh firm. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. \$1.00.

**Long Black Spanish.** 58 days. Large; skin black; flesh white, very firm. Pkt. 10c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.25.

**Round Black Spanish.** 56 days. Large; thick black skin; pure white flesh. Pkt. 10c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.25.

**White Strasburg.** 43 days. Oblong; pure white, mild flavor. An excellent variety for summer use. Pkt. 10c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.25.



Icicle Radish

**RUTABAGA.** See page 15.

### SAGE

Used in flavoring. Pkt. 25c.;  $\frac{1}{4}$ oz. \$1.25.

## SQUASH

COURGE (Fr.) KURBIS (Ger.)

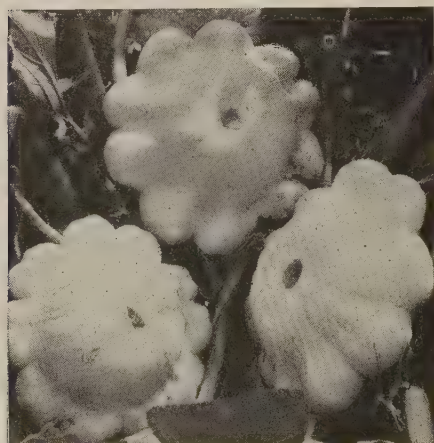
ZUCCA (Ital.)

One ounce will sow 20 to 30 hills; 3 to 4 pounds, an acre

This is a popular vegetable for summer and winter use, and being susceptible to cold it should not be planted until the ground is thoroughly warm. The bush sorts should be planted in hills 4 to 5 feet apart each way; the running varieties, 8 to 12 feet apart. Place 8 to 10 seeds in a hill and thin out to about 4 plants in a hill

### Summer Varieties

**Cocozelle or Italian.** 64 days. A bush variety. Long smooth, dark green fruits, striped lighter. Fine for slicing and frying. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.



Mammoth White Bush Squash

**Early White Bush.** 52 days. A round, scalloped form with an ivory-white skin. Has an abundance of meat of very fine flavor. Matures early; very prolific. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Giant Straightneck.** 60 days. A new bush sort. Fruits 18 to 20 inches long when matured and heavily warted. Deep orange color. Thick and meaty. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Giant Yellow Summer Crookneck.** 52 days. Shaped like a club with a bent neck. The skin is rough, warted, and orange-yellow color. This is a running variety. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Golden Table Queen.** 95 days. High quality Acorn type. Similar to Table Queen but has rich golden yellow outer skin. More market appeal. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Table Queen or Acorn.** 58 days. Edible in about 55 days. Fruits 6 to 8 inches long, 3 inches in diameter; deep green rind turning to orange; flesh light yellow. Pkt. 10c.; oz. 30c.;  $\frac{1}{4}$ lb. 90c.

**Yankee Hybrid.** 49 days. All-America Bronze Medal Winner. The fruits mature from 3 to 10 days earlier than other varieties of this class. Recommended for both home and market gardener. Pkt. 15c.; oz. 75c.;  $\frac{1}{4}$ lb. \$2.50.

**Zucchini.** 62 days. Cocozelle type. Fruits 12 to 14 inches long; green skin, mottled yellow when matured; flesh delicious. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00.

### Fall and Winter Varieties

**Blue Hubbard.** 110 days. A selection from the original Hubbard. The fruit is of a gray-blue color, grows large, is a remarkably good keeper and of excellent quality. Pkt. 10c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.25.

**Boston Marrow.** 97 days. Golden orange. Fine for canning, cooked as a vegetable or in pie. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.

**Delicious.** 102 days. Has the finest flavor of any Squash. Oblong, with deep green skin, thin rind, and small seed-cavity. One of the best winter keepers. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00.

**Golden Hubbard.** 100 days. Used for pie and also served as a vegetable; dry and delicious. Outside deep orange-red. Pkt. 10c.; oz. 35c.;  $\frac{1}{4}$ lb. \$1.00.

**Hubbard.** 105 days. True. Fruits large, olive-shaped, with dark green skin and rich flesh. Pkt. 10c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.25.

### SAFFRON

Herb used in adding color to soups, etc. Pkt. 25c.;  $\frac{1}{4}$ oz. \$1.25;  $\frac{1}{2}$ oz. \$2.00.

### SAVORY

**Summer.** Herb used in flavoring. Pkt. 25c.;  $\frac{1}{4}$ oz. 60c.;  $\frac{1}{2}$ oz. \$1.00; oz. \$1.75.

### SWEET BASIL

Herb used for soups and stews. Pkt. 25c.;  $\frac{1}{4}$ oz. 60c.;  $\frac{1}{2}$ oz. \$1.00; oz. \$1.50.



Bloomsdale Savoy Spinach

## MICHELL'S SELECT SPINACH SEED

EPINARD (Fr.) SPINAT (Ger.)  
SPINACCIO (Ital.)

One ounce will sow about 75 feet of drill;  
10 to 12 pounds, an acre

Sow for spring use, in drills 1 foot apart (covering the seed to about  $\frac{1}{2}$  inch), as early as the ground can be worked, and continue to sow every two weeks till May 15. Spinach seed seldom germinates during June, July, or August, so we do not recommend sowing again until September, which is the season to provide an early winter and spring crop. On the approach of cold weather, cover with manure, long straw, or other litter. Spinach can also be grown successfully under hotbed sash.

**Bloomsdale Long-standing Savoy.** 42 days. Will stand considerable heat before bolting to seed, therefore valuable for spring sowing. Leaves are thick, crimped, and fleshy. Oz. 15c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

**King of Denmark.** 45 days. A new variety that stands a long while without running to seed. The deep green leaves are large, rounded, and slightly blistered. Oz. 25c.;  $\frac{1}{4}$ lb. 75c.; lb. \$2.25.

**Market Gardeners.** 48 days. A decided improvement on all other kinds. Leaves broad, heavy, of dark green, glossy color, heavily blistered. Will stand 7 to 10 days longer without shooting to seed than any variety we know of. Oz. 20c.;  $\frac{1}{4}$ lb. 65c.; lb. \$2.00.

**Nobel Giant Thick Leaf.** 43 days. A quick-growing variety, large and spreading, very productive, and slow to bolt to seed. The broad leaves are rich bright green, medium thick, firm, tender, smooth and slightly crumpling, tapered to a rounded tip. Of excellent quality. Oz. 20c.;  $\frac{1}{4}$ lb. 65c.; lb. \$2.00.

**New Zealand.** 70 days. This variety endures heat and drought and is excellent for summer use. Leaves small and thick. Heavy yielder, growing upright. One sowing can be picked from throughout the entire summer. To get successful germination, seed should be soaked in warm water for about 12 hours before sowing. Seed should be sown about May 15. Pkt. 10c.; oz. 40c.;  $\frac{1}{4}$ lb. \$1.25; lb. \$3.75.

**Virginia Blight-resistant Savoy.** 39 days. A low-growing, spreading variety of vigorous growth, which is immune from disease. Exceedingly popular for market. Excellent for fall sowing. Oz. 15c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

## MICHELL'S TURNIP and RUTABAGA SEED

NAVET (Fr.) WEISSE RUBE (Ger.) NAVONNE (Ital.)

One ounce of seed for 100 feet of drill; 2 pounds per acre, broadcast

For early use sow the small sorts as soon as the ground can be worked in the spring in drills 14 inches apart. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly, so the roots can develop. For fall and winter use sow broadcast from the middle of July to the middle of August.

### Turnip

**Early Purple-Top Flat.** 46 days. A popular early variety. Root clear white, purple top; good quality. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.45.

**Early White Flat Dutch (Strap-Leaf).** 46 days. An early variety, producing a medium-sized root of fine quality. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.45.

**Purple-Top White Globe.** 57 days. Large root, skin purple at top, white at bottom. A good table and market variety. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.45.

**Shogoin.** 30 days. A two-purpose variety with tops equal to the best spinach. The roots are pure white and of fine flavor. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$ lb. 65c.; lb. \$1.90.

**Snowball.** 40 days. Pure white, globe-shaped. Very early. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$ lb. 65c.; lb. \$1.90.

**Southern Seven-Top.** 80 days. Chiefly used for winter greens. Extensively sown in the South. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.45.

**Yellow Globe or Amber.** 80 days. Shaped like the Purple-Top Globe, but colored like a yellow Rutabaga. Pkt. 10c.; oz. 20c.;  $\frac{1}{4}$ lb. 65c.; lb. \$1.90.

### Rutabaga

Rutabagas should be sown in drills about 2 $\frac{1}{2}$  feet apart, and when 3 inches high thinned out to get the greatest root-development. They need to be cultivated liberally and hilled up when about 6 inches high.

Customers frequently complain that Rutabagas grow too long, rather than in a round form. In the locality of Philadelphia and New York, the seed should be sown from July 15 to August 1. Seed sown earlier than this invariably produces long roots with long stems.

**American Purple-Top Yellow.** 90 days.

**Special Strain.** At least 8 to 10 days earlier than our usual strain. Roots are mostly round, with a small tap-root, yellow, with purple crown; flesh amber-colored, sweet and free from fiber; tops medium size and of a smoky green color. Seed can be sown much later than other strains and yet mature before freezing weather. Pkt. 10c.; oz. 25c.;  $\frac{1}{4}$ lb. 75c.; lb. \$2.25.

**Purple-Top Yellow.** 90 days. **Usual Strain.** Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Pkt. 10c.; oz. 15c.;  $\frac{1}{4}$ lb. 50c.; lb. \$1.50.

## SALSIFY . OYSTER PLANT

SALSIFIS (Fr.) HAFFER WURZEL (Ger.)  
SALSEFIA (Ital.)

One ounce will sow about 50 feet of drill;  
10 pounds, an acre

Sow in early spring, in drills 15 inches apart and 1 to 2 inches deep; when about 4 inches high, thin to 3 inches apart. Soil should be deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring.

**Mammoth Sandwich Island.** Enormous; very tender and delicious. Pkt. 20c.;  $\frac{1}{2}$ oz. 45c.; oz. 80c.

## SWISS CHARD

**Dark Green Curled.** 55 days. Pkt. 15c.; oz. 25c.;  $\frac{1}{4}$ lb. 80c.; lb. \$2.40.

**Fordhook Giant.** 55 days. Pkt. 15c.; oz. 25c.;  $\frac{1}{4}$ lb. 80c.; lb. \$2.40.

**Giant Lucullus.** 50 days. Pkt. 15c.; oz. 25c.;  $\frac{1}{4}$ lb. 80c.; lb. \$2.40.

**Rhubarb.** 60 days. Pkt. 15c.; oz. 55c.  
For description of above, see page 4.

## TAMPALA

Tampala grows best during the long hot summer days but must be well watered during any prolonged dry spell.

Sow the seed after the ground is thoroughly warm, in shallow drills not more than  $\frac{1}{8}$  inch deep, spacing the rows 2 feet apart.

Entire plants cut when 5 to 6 inches high make very tasty greens when prepared like spinach. Or if plants are thinned out to stand 2 feet apart and allowed to become well established, the tips 5 to 6 inches long may be cut and new side branches will develop and provide continuous cutting throughout the season. Stems the size of asparagus tips may be stripped of the leaves and prepared as you would asparagus. Pkt. 15c.;  $\frac{1}{2}$ oz. 60c.;  $\frac{1}{4}$ oz. \$1.00.

## SORREL

OSEILLE (Fr.) SAUERAMPFER (Ger.)  
ACETOSA (Ital.)

**Broad-leaved French.** 60 days. Used as a salad; has an acid flavor. Sow seed in the spring in good light soil in shallow drills 1 foot apart; thin out to 4 inches apart in the row. Pkt. 20c.;  $\frac{1}{2}$ oz. 50c.; oz. 75c.;  $\frac{1}{4}$ lb. \$2.50.

## TOBACCO

**Connecticut Seed-Leaf.** Produces large leaves, desirable for making cigars. Pkt. 20c.;  $\frac{1}{2}$ oz. 60c.; oz. \$1.00.

**Havana.** 120 days. Large thick leaf of fine texture. Much used for cigar wrapper. Pkt. 20c.;  $\frac{1}{2}$ oz. 60c.; oz. \$1.00.

**White Burley.** 120 days. Root-rot resistant. Grows large and strong. A favorite for plug fillers and wrappers. Pkt. 20c.;  $\frac{1}{2}$ oz. 60c.; oz. \$1.00.

## Seeds of Culinary and Medicinal Herbs

There is an increasing interest in Herbs today, and Herb-gardens are becoming quite popular. The majority of them are very easy to grow and therefore should be grown more extensively than they are.

	Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.
Anise.....	\$0.25	\$0.40	\$0.60	\$1.00	
Basil, Sweet....	25	60	1 00	1 50	
Borage.....	25	60	1 00	1 50	
Caraway.....	25		50	90	
Catnip.....	15	75	1 25	2 00	
Chives.....	25	60	1 00	1 75	
Coriander.....	15		50	90	
Dill.....	10			35	\$1 00
Fennel, Sweet..	15			50	1 25
Fennel, Florence	15			50	1 25
Lavender.....	25	60	1 00	1 75	
Rosemary.....	25				
Saffron.....	25	1 25	2 00		
Sage.....	25	1 25	2 25	3 75	
Summer Savory.	25	60	1 00	1 75	
Sweet Marjoram					Cannot supply
Thyme.....					Cannot supply

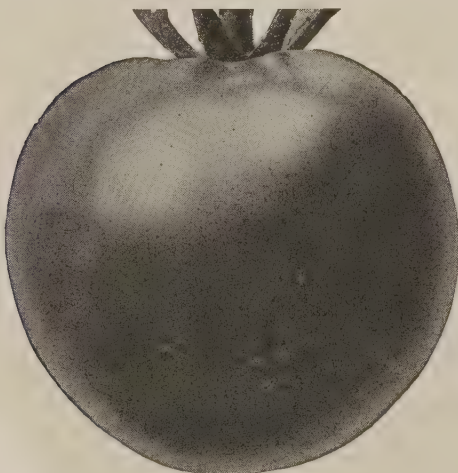
For particulars on Herb Plants refer to pages 70, 72

## MICHELL'S SELECT TOMATO SEED

POMME D'AMOUR (Fr.) LIEBESAPFEL (Ger.) POMO D'ORO (Ital.)  
One ounce will produce 3500 plants; ¼ pound, enough plants for an acre

**NOTE:** All seeds on this page mailed post-paid at prices quoted

- Jubilee.** 72 days. All-America Bronze Medal Winner. A new globe-shaped variety mild in flavor, bright orange-yellow. Pkt. 15c.; ¼oz. 60c.; ½oz. \$1.00; oz. \$1.85.
- Bonny Best.** 73 days. One of the most prolific early Tomatoes. Solid, evenly formed, bright red fruit. Pkt. 15c.; ½oz. 65c.; oz. \$1.10.
- Break o'Day.** 70 days. Disease-resistant. Fruits globular, large, smooth, meaty, and a good red color. Pkt. 15c.; ½oz. 65c.; oz. \$1.10.
- Crimson Cushion or Beefsteak.** Non-acid. 90 days. A vigorous grower producing immense, solid, very meaty fruits. Pkt. 25c.; ½oz. \$1.00; oz. \$1.85.
- Dwarf Champion.** 86 days. Tree Tomato. Plant dwarf and compact. Fruit red, with a purplish cast; solid; late maturing. Pkt. 15c.; ½oz. 65c.; oz. \$1.10.
- Dwarf Stone.** 92 days. Tree Tomato. A dwarf, compact plant and medium-sized, very solid bright red fruit. Late cropper. Pkt. 20c.; ½oz. 80c.; oz. \$1.50.
- Earliana or Penn State.** 66 days. One of the earliest bright red varieties. Compact in growth; a good yielder. Fruit solid, uniform and of excellent quality. Pkt. 15c.; ½oz. 65c.; oz. \$1.10.
- Golden Ponderosa.** 88 days. The best large golden yellow variety. Early, smooth, of excellent quality. Pkt. 25c.; ½oz. \$1.50; oz. \$2.00.
- Golden Queen.** 82 days. A leader in the main-crop yellow-fruited field. Golden yellow, medium sized, smooth, firm. Mild flavor. Pkt. 25c.; ½oz. \$1.00; oz. \$1.85.
- Greater Baltimore.** 82 days. A main-crop variety. Fruit large, brilliant red, and ripens evenly. Pkt. 10c.; ½oz. 50c.; oz. 90c.
- Italian Salad.** 74 days. This fine, red, plum-shaped salad Tomato has become quite popular. It is practically free from acid, has few seeds, and a flavor all its own. Pkt. 25c.; ½oz. \$1.00; ½oz. \$1.85.
- John Baer.** 70 days. Clusters of beautiful red fruit of good size and nearly round. Pkt. 10c.; ½oz. 50c.; oz. 90c.
- June Pink.** 69 days. Large; solid purplish red flesh of fine texture. Pkt. 15c.; ½oz. 65c.; oz. \$1.10.
- Marglobe. Special Strain.** 77 days. Variety of special merit, practically immune from the many Tomato diseases. Handsome scarlet fruits. Pkt. 15c.; ½oz. 65c.; oz. \$1.10.



Marglobe Special Strain Tomato

- Marglobe. Usual Strain.** 77 days. Pkt. 10c.; ½oz. 45c.; oz. 70c.
- Oxheart.** 90 days. A main-crop, pink-fruited sort, popular in certain sections due to its great solidity. Non-acid; quality fine. Some grow to an enormous size. Pkt. 25c.; ½oz. \$1.50.
- Pan America.** 75 days. This variety is highly resistant to nailhead rust and wilt. The fruits are bright scarlet throughout, medium large, globular shaped, with thick flesh, free of cracking. Strong-growing vine developing good coverage. Pkt. 25c.; ½oz. \$1.00; oz. \$1.85.
- Ponderosa.** 88 days. Non-acid. The largest Tomato in existence. A beautiful deep pink, at times rather uneven in shape. Pkt. 25c.; ½oz. \$1.00; oz. \$1.85.
- Pritchard or Scarlet Topper. Special Strain.** 76 days. An early variety undoubtedly the best of all recent introductions. The shape and outside color compare favorably with Break o'Day; the inside color is darker red. Pkt. 15c.; ½oz. 65c.; oz. \$1.10.
- Pritchard or Scarlet Topper. Usual Strain.** 76 days. Pkt. 10c.; ½oz. 45c.; oz. 70c.
- Rutgers. Special Strain.** 78 days. A new introduction by the New Jersey Agricultural College. It ripens at about the same time as Marglobe and is very productive. An excellent main-crop variety. Pkt. 15c.; ½oz. 65c.; oz. \$1.10.
- Rutgers. Usual Strain.** 78 days. Pkt. 10c.; ½oz. 45c.; oz. 70c.
- Stokesdale.** 73 days. An extra-early scarlet-fruited sort. Owing to its short season it is well adapted to the northern states. Pkt. 15c.; ½oz. 65c.; oz. \$1.10.
- Stone.** 86 days. An old-time favorite. Large, handsome red fruit with smooth skin. Recommended for a main crop. Pkt. 10c.; ½oz. 45c.; oz. 70c.
- Valiant.** 57 days. An extra-large early market variety producing brilliant scarlet fruits of the globe type. It has a rather sparse, open vine, and therefore should mature most of its crop before the extreme heat. Pkt. 15c.; ½oz. 65c.; oz. \$1.10.
- Victor.** 66 days. It is very early, very prolific with a full set of fruit maturing all together for early use. The fruit is of moderate size, semi-globe shape, rich scarlet color borne in large clusters. Pkt. 20c.; ½oz. 80c.; oz. \$1.50.
- White Beauty.** Large size, ivory-white; fruit of excellent quality. Flesh is almost paper-white and absolutely free from acid. Pkt. 25c.; large pkt. 75c.

### Forcing Tomatoes

- Michell's No. 1 Forcing.** This outstanding forcing Tomato was originally selected from the progeny of a cross between Marglobe and Cooper's Special. We offer a three-year hill-selected pedigreed stock for the first time this year. The finest medium-sized scarlet Tomato available for forcing. Pkt. \$1.00; large pkt. \$2.25.
- Michell's No. 2 Forcing.** Originating from a cross between Marvel and Globe. This is also a very fine forcing type. Will average larger fruits than the No. 1 Forcing. A prolific bearer of medium to large scarlet fruits, the last word in uniformity. Pkt. \$1.00; large pkt. \$2.25.
- Michigan State Forcing.** Pkt. 25c.; large pkt. 75c.
- Sunrise.** 80 days. A forcing variety of the European type. Fruits are scarlet in color and grow in clusters. Vine is vigorous and a very good producer. Pkt. 20c.; ½oz. 80c.; oz. \$1.50.

### Small-Fruited Tomatoes

- Red Cherry Red Plum Yellow Pear**  
**Red Pear Yellow Plum**  
**Strawberry or Husk**  
Pkt. 20c.; ½oz. 80c.

### THYME

Herb used for sauces and dressings. Seed. Cannot supply.

## VEGETABLE PLANTS AND ROOTS

Owing to existing conditions and traffic difficulties that exist, we are unable to deliver free, orders for vegetable plants and roots under the minimum price of \$3.00 on each consignment.

We regret that it is not practicable to ship pot-grown plants of PEPPER, PARSLEY, EGG-PLANTS, and TOMATOES by Parcel Post.

The foliage of these plants is very soft and tender and we have found from experience (largely because of delays in the mail service), that they reach their destination in a worthless condition.

Nor can we ship any of the above-mentioned plants outside the Japanese beetle zone.

A fresh supply of these plants will be available during the planting season at our store, 516-18 Market St., Philadelphia 5, on a cash-and-carry basis.

### Artichokes

- Green Globe.** Pot-grown plants. Doz. \$3.00; 25, \$5.50.  
**Jerusalem.** Used for table and stock-feeding. Lb. 50c.; 5 lbs. \$2.00.

### Asparagus Roots

Ready about March 20 for spring planting; about November 1 for fall planting

The two-year roots usually produce two years after planting. Our stock is especially fine in quality.  
**Giant Washington.** 2-yr. roots, 50, \$2.50; 100, \$4.00; 1000, \$30.00.

### Cabbage Plants Ready April 1

- Early sorts.** Coldframe plants, 100, \$1.50.  
**Late sorts.** Ready July 1.  
**Late Flat Dutch, Danish Ballhead and Red Dutch Drumhead** varieties only. 100, \$1.50.

### Celery Plants Ready in July

- White Plume, Giant Pascal, Winter Queen and Golden Self-blanching.** 100, \$1.00; 1000, \$8.50.

### Eggplant Plants

Ready after May 15

- New York Improved and Black Beauty.** Pot-grown plants. Doz. \$1.25; 100, \$8.50.

### Horseradish Roots

6, 50c.; doz. 75c.; 50, \$2.00; 100, \$3.75

### Parsley Plants Ready in May

Pot-grown plants. Doz. \$1.00; 100, \$8.00

### Pepper Plants Ready in May

- Bull Nose and Ruby King** varieties. Pot-grown plants. Doz. \$1.00; 100, \$8.00.

### Rhubarb Roots

Ready April 1 for spring planting

- MacDonald.** A new variety of great merit. 1 root 75c.; 6 roots \$4.00; 12 roots \$7.50.  
**Victoria.** 1 root 50c.; 6 roots \$2.00; 12 roots \$3.50.  
Clump, large field-grown, \$1.00 each; 6 for \$5.50

### Sweet Potato Plants Ready in June

- Yellow and Red Nansemond.** 100, \$1.00; 1000, \$8.50. (Not less than 100 plants of a variety can be furnished.)

### Tomato Plants Ready after April 15

- Early and Late Varieties.** Pot-grown plants. Doz. \$1.00; 100, \$8.00.

## MICHELL'S SELECTED HAND-PICKED FIELD CORN

Plant 8 to 10 quarts per acre in hills for shelled Corn or for silo, or sow 1½ to 2 bushels broadcast for fodder

Our strains of Corn are not the common kinds usually found in abundance on the market. We give very careful attention to selected stock in all lines of farm seeds. This is particularly true of Field Corn where re-selection means the limit of crop with little or no increase in

cost. Our stock is selected for size of ear and fodder, uniformity of kernel, and the careful finish of the tip and butt, all of which means a considerable increase in production. Field Corn weighs 56 pounds per bushel.

### Iowa 939 Hybrid

Maturity 100-105 days

Approximately ten days earlier than Lancaster County Sure Crop. Adapted to a wide range of conditions. Ears are cylindrical shaped; kernels somewhat rough and soft. Popular with cattle feeders because of non-flinty kernel. Qt. 60c.; pk. \$2.75; bus. \$9.00.

### U. S. 13 Hybrid

Maturity 110-115 days

Matures about nine days later than Lancaster County Sure Crop. Medium rough, deep grains; medium tall stalk. Good silage producer throughout the eastern states. One of the highest yielding of all hybrid varieties for both grain and silage. Qt. 60c.; pk. \$2.75; bus. \$9.00.

### Eureka Ensilage

Silage 115 days

While this variety will not mature ears in northern localities, it is one of the best ensilage varieties. Grows very tall and leafy, giving heavy tonnage.

Our Eureka is of an extra-heavy yielding strain and should not be confused with the ordinary type of this variety. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### Early Leaming

Grain 90 days

A medium-early variety adaptable to most any section. Yellow wedge-shaped grains, medium-sized ear. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### Eight-rowed Yellow Flint

Grain 90 days

Grows a long ear with exactly eight rows of grain. Thin cob, grain very hard and of a deep golden color. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### Improved Leaming

Silage 95 days—Grain 105 days

Known for its adaptability to most any soil and climate. Medium-sized ear with grains of rich yellow, wedge shaped. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### Reist's Sweepstakes

(Improved West Branch)

Silage 90 days—Grain 95 days

A mixed color Corn—some grains are yellow with touches of red, while others are red with pale caps. Large ear with wide grains. More tons per acre for the silo. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### Lancaster County Sure Crop

Silage 90 days—Grain 100 days

The most popular variety for silage in Pennsylvania, New York and the New England states. It is adaptable to practically all climatic and soil conditions and will withstand drought. A favorite because it provides plenty of silage with rich feed value. Grows tall, leafy stalks; long ear with thin cob—high in protein, husks easily, shells well, rich yellow. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### White Cap Yellow Dent

Silage 105 days—Grain 115 days

Developed here in Lancaster County. Large ear, red cob, cap of grain white, lower part light yellow. An excellent producer of rich silage in New York state. A good yielder of Corn, which matures a bit earlier than most of the Dent varieties. Qt. 35c.; pk. \$1.45; bus. \$4.75.

### Reid's Yellow Dent

Silage 105 days—Grain 120 days

Often called Golden Yellow Dent and classed as a medium-season Corn. Large broad heavy ears—on extra-good sheller. Qt. 35c.; pk. \$1.45; bus. \$4.75.

## MICHELL'S HIGH-GRADE FARM SEEDS

### BARLEY

(Treat with CERESAN)

The straw is good for green feed or when cured as hay, and the grain in the hull is excellent poultry feed. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. So broadcast 1½ to 2 bushels per acre, from April to July 1. 48 pounds per bushel. Makes an ideal nurse crop for spring-sown alfalfa. Frequently yields 50 bushels per acre. Qt. 30c.; pk. \$1.50; bus. \$4.00.

### BROOM CORN

Sow in May, about 10 pounds per acre, in drills 3 feet apart. Plants should be thinned out to stand 3 inches apart in the row.

**Evergreen.** Produces extremely straight brush retaining its green color well after ripening. Yields 1000 pounds of salable brush per acre. 50 pounds per bushel. Lb. 30c.; 10 lbs. \$2.50.

### Stanley's Crow Repellent

Protects your crop against crows, pheasants, blackbirds, etc. Also protects seed from rotting in the ground. Non-poisonous. ½ pt. 60c.; pt. \$1.00; qt. \$1.75; One pint is sufficient for two bushels of Seed Corn.

All prices subject to market changes

Prices on Farm Seeds in larger quantities than listed will be quoted on application.

### SOY BEANS

(Inoculate with LEGUME-AID)

This valuable plant enriches the ground in which it is planted by the free nitrogen gathered from the air which is deposited in the ground by the roots. Sow 1½ bushels per acre alone, or 50 pounds, in drills 2½ feet apart, during May or June. If wanted for silo it will be ready for harvest about September 1, when the pods will be well filled. 60 pounds per bushel.

**Black Wilson.** An early-maturing (120 days) and the best all-round variety, being a heavy seed-yielder and producing high-quality hay. Qt. 35c.; pk. \$1.75; bus. \$4.75.

**Green Mammoth (Tokio).** Late. An extra-large green variety, suitable for edible purposes as well as for hay and soiling. Qt. 30c.; pk. \$1.75; bus. \$4.75.

**Mammoth Yellow.** Late. Qt. 35c.; pk. \$1.75; bus. \$4.75.

**Manchu.** Early variety (110 days) which will make an extra-heavy yield of large yellow Beans, high in oil-content. An excellent variety for milling. Qt. 35c.; pk. \$1.50; bus. \$4.25.

**Mung.** Best for sprouting green shoots; excellent in salads. Very popular with the Chinese trade. Lb. 40c.; 25 lbs. \$8.00; 100 lbs. \$28.00.

### BUCKWHEAT

In the locality of Philadelphia this is sown any time from June 1 to July 15, one bushel broadcast to the acre. Makes a very fine quality of flour and is also largely used for poultry-feed. Frequently yields 80 bushels to the acre. 48 pounds per bushel. Qt. 35c.

### LADINO WHITE CLOVER

Sow it for a year-round pasture. U. S. Department of Agriculture says: "Ladino is the largest growing form of White Clover. It is similar to White Dutch but grows about twice as large. Introduced from South Europe. Many farmers cut it for hay in the summer and graze it the rest of the year."

It is a long-lived perennial. Its taproot goes down 1 to 3 feet. The stems run on the ground, taking root. One plant covers 2 feet. A sparse stand soon thickens into a dense, even growth. The only parts available to grazing are the highly nutritious leaves and flowers which rise 12 to 20 inches in great profusion from the numerous joints.

It grows on any soil, even shallow hardpan, but does best on loam or clay where moisture is plentiful. The seed is so small it requires a firm hard seedbed, planted shallow and covered very lightly. Our seed is scarified, germinates over 90 per cent, requiring one-half as much per acre. Inoculate and sow in spring or fall, 5 pounds per acre alone, or 3 pounds in mixtures. Don't pasture until plants spread and start sending up shoots from the joints. Lb. \$3.50.

**Wild White Clover.** This Clover is suited for soils below the fertility standard and provides a most effective and economical source of nitrogen. It is perfectly hardy. Sow from 1 to 3 pounds per acre in mixture, preferably in the early spring. ¼ lb. 75c.; lb. \$2.75; 5 lbs. \$12.50; 10 lbs. \$23.50.

**Yellow Trefoil (Medicago lupulina).** Also known as Yellow Clover. Recommended for use in permanent pastures because of its ability to furnish pasture during the spring months. Lb. 45c.

## MICHELL'S HIGH-GRADE FARM SEEDS, continued

### RECLEANED CLOVERS

Clovers weigh 60 pounds per bushel

**Alfalfa, Common** (*Medicago sativa*). Non-irrigated Northwestern-grown Seed. Sow during April and May, August and September, 25 pounds per acre, preferably with no other crop. 10 lbs. \$5.35; 50 lbs. \$26.00; 100 lbs. \$49.90.

**Alfalfa, Grimm.** An extremely hardy variety, less apt to winter-kill than older sorts. Heavy yielder and of deep-rooting habit. Sow 15 to 20 pounds per acre. Price on application.

**Alsike or Swedish Clover** (*Trifolium hybridum*). One of the hardiest and most tolerant of adverse soil conditions. Grows from 1 to 2 feet high. Sow early in the spring or early autumn, mixed with timothy, or 10 pounds per acre if alone. 10 lbs. \$4.40; 50 lbs. \$21.30; 100 lbs. \$40.50.

**Crimson Clover** (*Trifolium incarnatum*). Used principally for soiling or green manuring. Not hardy more than one season. Height 1 to 2 feet. Sow any time from June to October, 20 pounds to the acre. Lb. 40c.

**Mammoth Red Clover** (*Trifolium pratense perenne*). Domestic origin. This differs from the Medium, being of a ranker growth and yielding more fodder per acre. Sow early in spring or in July and August, using 15 pounds per acre alone, or with other crops, 10 pounds per acre. 10 lbs. \$4.70; 50 lbs. \$22.80; 100 lbs. \$43.50.

**Medium Red Clover** (*Trifolium pratense*). We offer adapted seed of domestic origin only. Excellent for hay purposes, usually yielding two crops each year. Sow early in the spring or in late summer—July and August; if alone, 20 pounds per acre; if with other crops, 10 pounds per acre. 10 lbs. \$4.70; 50 lbs. \$22.80; 100 lbs. \$43.50.

**Lespedeza.** A substitute for alfalfa on poor land in the South, but has been grown successfully in the latitude of Philadelphia. Sow in spring after frost, at the rate of 25 to 35 pounds per acre. Weighs 25 pounds per bushel. Lb. 35c.

**Sweet or Bokhara Clover** (*Melilotus alba*). Used either as a feed-crop or as green manure, to plow under. Grows 3 to 5 feet high, thrives on almost any soil. Sow 15 pounds per acre during spring and fall. 10 lbs. \$2.25; 50 lbs. \$10.55; 100 lbs. \$19.00.

**White Dutch Clover** (*Trifolium repens*). Choice recleaned seed. Sow 10 to 12 pounds per acre if alone, or 5 pounds if sown on old turf or with other crops. Oz. 20c.; ¼lb. 60c.; ½lb. \$1.00; lb. \$1.75; 5 lbs. \$8.50; 10 lbs. \$16.50; 25 lbs. \$40.00.

To produce best results all Clover Seeds, Field Peas, and Cowpeas should be inoculated with LEGUME-AID. See page 91.

### CANADA FIELD PEAS

These are used for various purposes, chief among them being a very early green feed; when used this way they are sown with oats about April 1, at the rate of 1½ bushels of Peas and 1½ bushels of Oats to the acre, either drilled or broadcast. Peas may also be sown alone at the rate of 3 bushels per acre and furnish excellent hay. 60 pounds per bushel. Qt. 35c.

### CORN, WHITE KAFFIR (For Seed)

The grain is used for feeding poultry and the fodder for cattle. Grows 4 to 6 feet high, and produces enormous crops. Can be sown as late as July at the rate of 10 pounds per acre in drills. 56 pounds per bushel. Lb. 25c.

### COWPEAS

These provide the most inexpensive method of bringing soil back to a stage of fertility, as they grow in the poorest kind of soil, leaving it very rich in ammonia. In the latitude of Philadelphia, sow from May 1 to July 1, 2 bushels per acre broadcast, or 1 bushel per acre in drills. For a large crop, sow the seed late. 60 pounds per bushel.

**New Era.** A small, upright-growing, very prolific variety of early maturity. Qt. 30c.

**Whippoorwill.** Medium early, upright-growing variety more extensively used than any other. Qt. 30c.

### FLAX

This is grown for the fibre from which linen thread is made and also for the seed which is used in the manufacture of linseed oil. If grown for seed, sow 1 bushel to the acre from May 15 to June 15. If desired for the fibre sow 1½ to 2 bushels per acre. 56 pounds per bushel. Lb. 40c.

### MANGEL-WURZEL

Sow 5 pounds per acre in April and May in thoroughly plowed, well-manured soil, in drills about 2 feet apart. Thin out to 1 foot apart in the row.

**Golden Tankard.** Pkt. 10c.; oz. 30c.; ¼lb. 90c.; lb. \$2.75.

**Lane's Improved White Sugar.** Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.20.

**Mammoth Long Red.** Pkt. 10c.; oz. 25c.; ¼lb. 75c.; lb. \$2.20.

See also page 4

### MILLET

Can be sown as late as July 15. Desirable for green manuring, or makes an excellent green food for stock. If used for hay it should be cut just as it matures.

**Hungarian.** The seed produces hay not as fine as Tennessee Golden and fully a foot less in height. It can, however, be sown some two weeks later. Sow 1 bushel per acre. 48 pounds per bushel. Lb. 35c.

**Barnyard.** Frequently as high as 12 tons of green feed have been obtained from an acre. If sown early in May, it may be cut twice in one season. Sow 12 pounds per acre broadcast, any time from May 1 to June 15, 35 pounds per bushel. Lb. 35c.

**Tennessee Golden.** This requires a longer season to mature than the other sorts. It produces a very fine quality of hay and makes a larger seed-head. Sow 1 bushel broadcast to the acre from April 10 to July 10. 50 pounds per bushel. Lb. 35c.

### SEED OATS

They are large, plump, free from weed seeds or other foreign substance, and of high vitality. Sow at the rate of 2½ to 3 bushels per acre alone or 1½ bushels with peas during April for best results. 32 pounds per bushel.

**Swedish or Washington.** The long, erect straw is noted for its ability to stand up in rough weather. Grains are very plump and nearly pure white. Qt. 30c.

Treat your Seed Oats with Ceresan to control Oat smut and increase yield. See page 88.

### RAPE

**Dwarf Essex.** This can be pastured 8 weeks after sowing. Sow 6 pounds per acre broadcast, from April 1 to October 1. It produces enormous crops and is an ideal green manure. 50 pounds per bushel. Lb. 35c.; 10 lbs. \$3.00.

### RYE (For Seeding)

**Spring.** An excellent early green feed, or for pasture. The grain is used for feeding and other purposes, while the straw is of very fine quality, making a larger yield than Winter Rye. Sow from May 1 to June 1, 1½ bushels to the acre. 56 pounds per bushel. Qt. 30c.; pk. \$1.50; bus. \$4.00.

**Rosen Winter.** Winter Rye will not mature if sown in spring. Qt. 30c.

### SUGAR-CANE · SORGHUM

**Early Amber.** The seed can be threshed out of the stalks and used as poultry feed. A tremendous producer, often growing 12 feet high. It stands hot, dry weather and can be cut several times in one season. Sow 25 pounds of seed to the acre in drills 3½ feet apart; 1 to 2 bushels broadcast. 50 pounds per bushel. Qt. 25c.

### SUNFLOWER

**Mammoth Russian.** This makes an excellent poultry feed for winter use, on account of its heating and fattening qualities. Will yield as high as 60 bushels per acre. Sow 10 quarts per acre, in drills 3 feet apart, dropping the seed about every 4 inches. Lb. 35c.; 3 lbs. 90c.; 5 lbs. \$1.40; 10 lbs. \$2.75; 25 lbs. \$6.75.

### SUDAN GRASS

An annual, and must be sown each year. Will yield from 2 to 4 tons per acre. Sow in drills, or broadcast, 16 to 24 pounds per acre. Several cuttings can be made from a sowing in one season. Thrives well in a season of drought. 40 pounds per bushel. Lb. 35c.

### TIMOTHY

Our stock of this important hay-producing seed is especially fine, being thoroughly recleaned, and free from weeds. If sown alone it requires 25 pounds to seed an acre; if sown with wheat, 12 to 15 pounds are the usual quantities. 45 pounds per bushel. 10 lbs. \$1.75; 100 lbs. \$12.00.

### VETCHES · TARES

*Inoculate with Legume-Aid*

**Winter** (*Vicia villosa*). Sometimes called Sand or Hairy Vetch. Our stock of this is the true type, which will absolutely live throughout the winter. Sow broadcast from August 1 to October 1 at the rate of 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower cut for hay. 60 pounds per bushel. Lb. 40c.

**Spring** (*Vicia sativa*). It is not hardy and must be sown in the spring, in May or June, 1 to 2 bushels per acre if broadcast, and 1 bushel if in drills, with either spring wheat, spring rye or oats, for support. Has the same desirable features as the Winter Vetch. 60 pounds per bushel. Lb. 35c.

### SPRING WHEAT

**Marquis.** A favorite sort in this locality, early, prolific, and vigorous. It often produces 50 bushels per acre. Sow in April or May, 1½ to 2 bushels per acre, broadcast or in drills. 60 pounds per bushel. Qt. 30c.

Two-bushel seamless sacks, used in shipping farm seeds, in one-bushel lots and over, are charged for at 25c. each; returnable at price charged if in good condition and prepaid.

See page 1 for Parcel Post rates



A beautiful lawn is the ideal background for your home and garden. The soft green velvety turf gives an air of peace and tranquility to the landscape.

## MICHELL'S *Reliable Grass Mixture*

**S**EEDING at the proper time is half the secret of success in lawn-making. But on *the seed you sow* will depend success or failure. Quality in grass seed is of particular importance. The initial cost of the *best* seed is small compared with the time and labor of weeding and probable replanting which results from cheap, inferior seed. And the satisfaction derived from a really good lawn is immeasurable.

Michell's Lawn Seed has been a leader in high quality for over fifty years. Many of the better lawns in this country are the result of Michell's seed, plus proper care. The answer lies in our insistence on furnishing only that seed which meets our rigid specifications of highest purity and germination and maximum freedom from weeds.

**Quantity to sow for Lawns.** We recommend sowing: 5 pounds per 1000 square feet; 150 pounds per acre on new ground without grass. In renovating established lawns, use half the above quantities.

### MICHELL'S "GREEN VELVET" LAWN SEED

*For the Open, Sunny Lawn*

This proved formula is the result of many years of experience under practical conditions. It is made up of the strongest, finest and most permanent grass varieties suitable for the lawn. Under proper conditions it will produce a fine, deep-rooted turf, velvety in appearance and sturdy enough to withstand constant use. Lb. 80c.; 3 lbs. \$2.30; 5 lbs. \$3.75; 10 lbs. \$7.00; 25 lbs. \$16.50; 100 lbs. \$60.00.

### MICHELL'S EVERGREEN LAWN SEED

Recommended to fill the requirements of the average lawn, this mixture will produce a very desirable turf of fine-blended, hardy grasses, capable of withstanding considerable wear and periodic dry spells. 1/2 lb. 35c.; lb. 60c.; 3 lbs. \$1.75; 5-lb. bag \$2.75; 10-lb. bag \$4.75; 25-lb. bag \$12.00; 100 lbs. \$45.00.

### MICHELL'S FAIRMOUNT PARK LAWN SEED

A mixture meeting the requirements of those desiring a moderately priced grass seed. Lb. 45c.; 3 lbs. \$1.30; 5-lb. bag \$2.15; 10-lb. bag \$4.25; 25 lbs. \$10.00; 100 lbs. \$37.50.

### MICHELL'S TOP-NOTCH LAWN SEED

A perfectly blended combination of the purest seed most suitable for the establishment of a luxuriant lawn. This formula combines the qualities of quick growth, compactness, and permanence, and is recommended to those who seek the ultimate in a lawn mixture. 5-lb. bag \$4.75; 10-lb. bag \$9.00; 25-lb. bag \$22.00; 100 lbs. \$80.00.

#### ALL PRICES SUBJECT TO MARKET CHANGES

Send for our FREE booklet, "Lawn Pointers," for suggestions on the care of your lawn

### MICHELL'S "SHADED" LAWN SEED

*Overcomes the Shade Problem*

Just the seed for those shady places where "grass simply won't grow." We have combined a mixture that actually thrives in heavily shaded locations, under the proper soil conditions. Consult us for methods of correcting drainage problems, acidity, low fertility and other reasons leading to this type of grass failure. Lb. 90c.; 3 lbs. \$2.60; 5 lbs. \$4.25; 10 lbs. \$8.25; 25 lbs. \$20.00; 100 lbs. \$70.00.

### MICHELL'S CLOVER LAWN SEED

The increasing demand for a grass seed mixture containing an unusually large proportion of White Clover induced us to offer this brand, which is particularly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Excellent for seashore lawns. 1/2 lb. 55c.; lb. \$1.00; 3 lbs. \$2.90; 5-lb. bag \$4.75; 10-lb. bag \$9.25; 25-lb. bag \$22.50; 100-lb. bag \$80.00.

### MICHELL'S WHITE CLOVER SEED

There is no Clover used in the above lawn mixtures. For those desiring Clover in their lawns, we recommend Michell's White Clover. Sow separately to obtain even distribution and more satisfactory results. 1/4 lb. 60c.; 1/2 lb. \$1.00; lb. \$1.75; 5 lbs. \$8.50; 10 lbs. \$16.50; 25 lbs. \$40.00.

### GRASS HAS A TREMENDOUS APPETITE

and only by furnishing the right food at the proper time can the best results be achieved. **Michell's Lawn Dressing** has been developed expressly for this purpose. Applied now at the rate of 25 pounds per 1000 square feet on established lawns, it will immediately strengthen and improve the color of the grass. In making a new lawn, about 40 pounds per 1000 square feet should be worked into the top 3 inches of the soil. 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

# Michell's Reliable Grass Mixtures for All Conditions



Seashore Lawn

## for Special Problems

### Michell's Terrace Lawn Seed

It is usually difficult to establish turf on sharp slopes or on terraces. This mixture is composed of deep-rooting varieties particularly adapted to such conditions and will give very satisfactory results. Lb. 80c.; 3 lbs. \$2.30; 5-lb. bag \$3.75; 10-lb. bag \$7.00; 25-lb. bag \$16.50; 100 lbs. \$60.00.

If you have had difficulty in establishing turf on steep slopes and terraces, you need EROSIONET. See page 83.

### Michell's Seashore Lawn Seed

The application of 3 to 4 inches of top-soil and the subsequent sowing of this special mixture will produce an excellent lawn, wonderfully suited to the conditions of climate and soil along the Atlantic Coast. This formula has been thoroughly tested. Lb. 90c.; 3 lbs. \$2.60; 5-lb. bag \$4.25; 10-lb. bag \$8.25; 25-lb. bag \$20.00; 100 lbs. \$70.00.

### Michell's Special Sod Grass Seed

Developed especially for cemetery work and a popular favorite with many of the large burial parks. Lb. 80c.; 3 lbs. \$2.30; 5-lb. bag \$3.75; 10-lb. bag \$7.00; 25-lb. bag \$16.50; 100 lbs. \$60.00.

### Michell's Southern Evergreen Lawn Seed

Particularly adapted to the climate and the soil conditions of the South, where the hot, dry seasons make the maintenance of lawns a difficult problem. Lb. 80c.; 3 lbs. \$2.30; 5-lb. bag \$3.75; 10-lb. bag \$7.00; 25-lb. bag \$16.50; 100 lbs. \$60.00.

### Michell's Superior Bent Grass Mixture

Composed chiefly of the leading varieties of Bent Grass, but containing a sufficient percentage of other hardier fine-bladed grasses to produce a lawn of putting-green texture but which is not as susceptible to disease and attack by insects as pure Bent. We recommend sowing this seed at the rate of 1 pound to 300 square feet. Lb. \$1.50; 5 lbs. \$7.00; 10 lbs. \$13.50; 25 lbs. \$28.50; 100 lbs. \$110.00.

### The New Jersey Lawn Seed Mixtures

Developed and recommended by the New Jersey Agricultural Experiment Station.

**No. 1.** Standard Mixture (with clover). Lb. \$1.00; 10 lbs. \$9.25; 25 lbs. \$23.00.

**No. 1A.** Standard Mixture (without clover). Lb. 80c.; 10 lbs. \$7.00; 25 lbs. \$16.50.

**No. 2.** For Finest Quality Turf. Lb. \$1.25; 10 lbs. \$9.50; 25 lbs. \$23.50.

**No. 3.** For Shaded Areas. Lb. \$1.50; 10 lbs. \$13.50; 25 lbs. \$28.50.

**No. 4.** For Terraces and Clayey, Shaley or Sandy Soils. Lb. \$1.25; 10 lbs. \$9.50; 25 lbs. \$23.50.

## Grass Seed for Recreational Grounds

The Standard Mixtures listed below are carried in stock, and have been developed for the average conditions in each case. We recommend them for best results except where the conditions are unusual.

### MICHELL'S PUTTING-GREEN MIXTURE

A well-blended combination containing the very finest assortment of low-growing, hardy grasses, which will withstand closest mowing. Sow at the rate of 1 pound to 100 square feet. Lb. \$1.50; 5-lb. bag \$7.00; 10-lb. bag \$13.50; 25-lb. bag \$28.50; 100 lbs. \$110.00.

### MICHELL'S FAIRWAY MIXTURE

Composed of grasses that are deep-rooted, wear-resistant, and that give a healthy, even turf. Seed liberally for best results, 175 to 200 pounds per acre. 10-lb. bag \$7.00; 25-lb. bag \$16.50; 100 lbs. \$60.00.

### MICHELL'S TENNIS-COURT MIXTURE

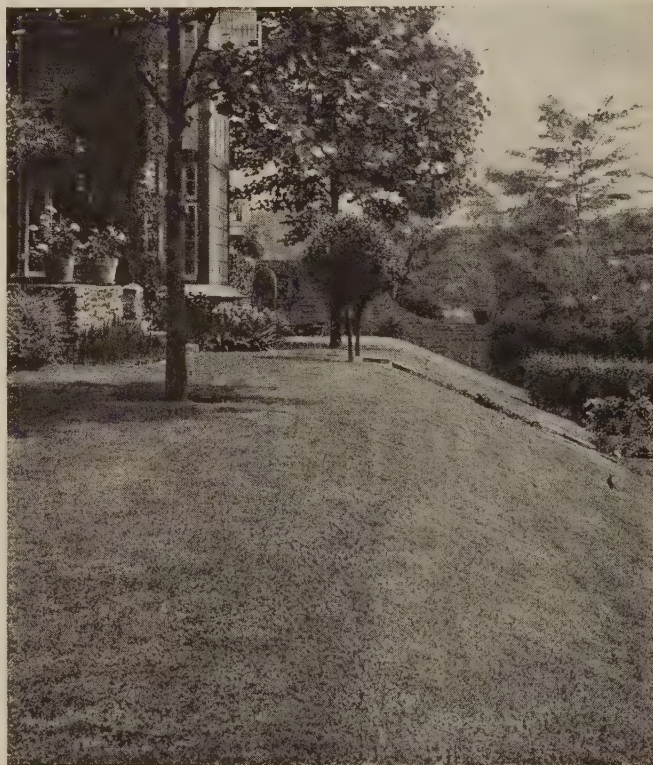
Will produce a turf capable of withstanding hard play, frequent rolling, and close mowing. Sow 5 pounds to 1000 square feet. 5-lb. bag \$4.75; 10-lb. bag \$9.00; 25-lb. bag \$22.00; 100 lbs. \$80.00.

### MICHELL'S ATHLETIC FIELD MIXTURE

A formula developed especially for football, baseball, hockey, polo and cricket grounds. We have supplied this mixture for many years to universities and athletic clubs and recommend it as the very best for such purposes. 5-lb. bag \$3.75; 10-lb. bag \$7.00; 25-lb. bag \$16.50; 100 lbs. \$60.00.

For a BETTER LAWN use MICHELL'S LAWN DRESSING, the ideal grass fertilizer. See page 91.

ALL PRICES SUBJECT TO MARKET CHANGES



Terrace Lawn

# Grasses in Separate Varieties

All Strictly Recleaned and Carefully Tested for Purity and Germination

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.



Golf Course

**Bent Grass, Certified Seaside** (*Agrostis maritima*). Very highest quality; certified and sealed in 100-pound bags by the Oregon Department of Agriculture. The true creeping variety of Bent that makes a perfect putting-green turf. Lb. \$1.50; 10 lbs. \$13.00.

**Bent Grass, Astoria.** A native Bent, grown in Oregon. Similar in growth to the Colonial type. Lb. \$1.60; 10 lbs. \$13.50.

**Bent Grass, Colonial** (*A. tenuis*; *A. capillaris*). A very fine-bladed grass, producing a thick turf. Especially valuable for putting-greens and fine lawns. Lb. \$1.50; 10 lbs. \$13.00.

**Bermuda Grass** (*Cynodon dactylon*). A valuable summer grass for lawns and putting-greens as far north as Washington, D. C., above which latitude it is not satisfactory. Price on application.

**Blue Grass, Kentucky** (*Poa pratensis*). The most satisfactory permanent lawn and pasture grass for use in the northern states, improving year after year under proper care. Deep green in color, with narrow leaf-blades.

**Extra Fancy.** Lb. 70c.; 10 lbs. \$6.50.

**Superfine.** Lb. 75c.; 10 lbs. \$7.00.

**Blue Grass, Canada** (*P. compressa*). Somewhat similar to Kentucky Blue but lighter in color and will thrive on poorer soils and in warmer climates. Highly relished by cattle. Lb. 75c.; 10 lbs. \$7.00.

**Fescue, Cheewing's N. Z.** (*Festuca rubra-fallax*). Imported. Produces a compact, fine-bladed turf especially resistant to wear, tolerant of shade and adverse soil conditions. Excellent for the lawn or putting-green. Lb. \$1.25; 10 lbs. \$12.00.

**Fescue, Hard** (*F. duriuscula*). A durable, wiry grass, gray-green in color, suitable for dry, sandy soils. Should always be sown in mixture with other grasses. Lb. \$1.25; 10 lbs. \$12.00.

**Fescue, Genuine Red Creeping** (*F. rubra*). Excellent for putting-greens; also for sowing on sandy soil and in shaded places. Lb. \$1.25; 10 lbs. \$12.00.

**Fescue, Meadow** (*F. pratensis*). A hardy, broad-leaved grass of quick growth, valuable for pasture in lowlands. Lb. 65c.; 10 lbs. \$6.00.

**Fescue, Red** (*F. rubra*). Valuable for putting-greens, also for sowing on sandy soil and in shaded places. Lb. \$1.25; 10 lbs. \$12.00.

**Fescue, Sheep's** (*F. ovina*). Very similar to Hard Fescue. Lb. \$1.25; 10 lbs. \$12.00.

**Orchard Grass** (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Lb. 75c.; 10 lbs. \$7.00.

**Red-Top** (*Agrostis alba*). One of the best grasses for immediate effect and as a nurse in lawn mixtures. Fine-bladed if mowed regularly. Adaptable to adverse soil conditions.

**Extra Fancy.** Lb. 50c.; 10 lbs. \$4.50.

**Superfine.** Lb. 55c.; 10 lbs. \$5.00.

**Rye Grass, Domestic.** A quick-growing annual grass, useful where immediate effect is desired. Lb. 35c.; 10 lbs. \$3.00.

**Rye Grass, Perennial** (*Lolium perenne*). Imported. A deep-rooted, quick-growing grass, valuable as a nurse in mixtures and excellent for pastures and hayfields. Lb. 45c.; 10 lbs. \$4.00.

**Rye Grass, Italian** (*L. italicum*). Very desirable for pasture. Comes to maturity the first season. The ideal seed for southern lawns in winter. Lb. 35c.; 10 lbs. \$3.00.

**Timothy** (*Pbleum pratense*). A grass of high value for hay and pastures. Lb. 25c.; 10 lbs. \$1.75.

## WHITE DUTCH LAWN CLOVER

Excellent for sowing with grass on lawns and other places where a thick, quick growth is desired. Especially adapted for seashore lawns. Oz. 20c.; 1/4 lb. 60c.; 1/2 lb. \$1.00; 1 lb. \$1.75; 5 lbs. \$8.50; 10 lbs. \$16.50; 25 lbs. \$40.00.

## Grass Seed for the Farm

### Michell's Permanent Hayfield Grass Seed

We offer a well-balanced combination of grasses which will yield considerably more and better hay per acre than timothy and clover only. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established fields. 5-lb. bag \$3.50; 10-lb. bag \$6.00; 25-lb. bag \$14.00; 100 lbs. \$55.00.

### Michell's Permanent Pasture Grass Seed

The grasses used in this mixture are the most nutritious for grazing and feeding purposes and will thrive under various conditions of soil and climate, assuring a rich turf throughout the entire season, year after year. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established pastures. 5-lb. bag \$2.75; 10-lb. bag \$5.00; 25-lb. bag \$12.00; 100 lbs. \$40.00.

## WILD WHITE CLOVER

A remarkable new Clover in this country for improving pastures. See complete description and prices on page 17.



Pasture Field

ALL PRICES SUBJECT TO MARKET CHANGES

# Michell's Exclusive Introductions, Novelties, and Specialties



Antirrhinum, Michell's Cherry Queen

## AGERATUM

**Michell's Blue Boy.** *Novelty.* Extra dwarf. This Michell's strain is the result of many years' careful selection. The growth is uniform and even, about 4 inches high, and the plants are almost completely smothered with flowers of the richest shades of blue. Excellent for the border or rock-garden. Pkt. 25c.; large pkt. 75c.; 1/4oz. \$1.75.

## ALYSSUM, Michell's Bouquet, Carpet of Snow

The dwarf, compact plants bear a perfect bouquet of miniature white flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

## ANTIRRHINUM *Rustproof Varieties*

### MICHELL'S NEW CHERRY QUEEN (Maximum Grandiflorum Type)

Our new introduction is a fine giant Snapdragon. The color is a brilliant cerise-rose, a very bright shade under artificial light. The plant habit is compact and produces many giant upright spikes with large individual florets. This is an excellent variety for the cutting garden. Pkt. 25c.; large pkt. \$1.00; 1/4oz. \$1.50.

### NANUM GRANDIFLORUM. Semi-Dwarf

**Princess.** The color is a brilliant salmon-rose, a glowing shade under artificial lights. Pkt. 25c.; large pkt. 75c.

**Michell's White.** The best pure white in this group. A fine variety. Pkt. 25c.; large pkt. 75c.

*For other varieties of Snapdragons see page 25*

## CALENDULA, POT MARIGOLD

**Sunbeams.** *An exclusive Michell Novelty.* An exquisite blending of many delightful shades and color combinations, from pale cream to deep orange. Flowers are of various types and forms, excellent for cutting. Pkt. 25c.; large pkt. 60c.; 1/4oz. \$1.00.

## CARNATION, MARGUERITE, GIANT-FLOWERING, ALL-DOUBLE, MIXED

This is an extra-selected strain in a range of 15 to 20 colors. The flowers are large, fully double, and very freely borne. Plants are of stocky upright growth, excellent for cutting. Pkt. 25c.; large pkt. 75c.

## MARIGOLDS, Michell's Early Golden Jubilee

*Exclusive Introduction.* Large, double, chrysanthemum-like flowers in shades of golden yellow, orange, and light yellow. Height 3 1/2 to 4 feet. Pkt. 25c.; large pkt. 60c.

## PETUNIAS

**New, Double Michell's Supreme No. 1.** We take pleasure in offering this American-grown select strain double Petunia. It is a choice selection of large double fringed Petunias in a grand assortment of colors, including several scarce shades—salmon, dark red, etc. Flowers are huge, beautifully fringed, and the habit of growth is semi-dwarf. The percentage of doubles is very high. Pkt. 50c.; large pkt. \$1.50.

**New Victory.** An extra-dwarf, super-giant Single Petunia. Huge deep-throated, fluted flowers, averaging up to 7 inches across. The plant habit is very dwarf, compact, bushy and free flowering. Our exclusive mixture contains a color-range of excellent light and dark shades. This is a fine variety for bedding or for exhibition. Pkt. 35c.; large pkt. \$1.00.

**New Dazzler.** The brightest and most colorful Single Petunia yet introduced. Its large blooms are brilliant shades of orange and rosy scarlet, plain and semi-ruffled, gold and white-throated. Plants of dwarf compact habit. Fine for bedding or window-boxes. Pkt. 35c.; large pkt. \$1.00.

## POPPY

**Normandy Red.** *New.* Large single flowers of a brilliant orange-scarlet—a very striking and showy annual. Splendid for beds or borders. Pkt. 25c.; large pkt. 75c.

## EARLY-FLOWERING SPENCER SWEET PEAS

**Top Sergeant.** Deep blood-red-crimson, large bold-faced flowers with extra-long stems. An extra early variety, undoubtedly the truest crimson Sweet Pea. Pkt. 25c.; 1/2oz. 60c.

**Forest Fire.** Giant, bright orange-scarlet, duplexed flowers that will not burn. This new Sweet Pea is very worth while. Pkt. 25c.; 1/2oz. 60c.

**Gorgeous.** Never have we seen such a colorful Sweet Pea—a glistening golden cerise brightening to a carmine. Under artificial light it is truly gorgeous, as the name implies. The magnificent large duplexed flowers are produced in fours and fives on long stiff stems. Pkt. 25c.; 1/2oz. 60c.

**Lady Luck.** Vivid carmine-rose, suffused with purple; large perfectly formed flowers. A very heavy producer on long, stout stems, each bearing four blooms. Pkt. 25c.; 1/2oz. 60c.

## VERBENA, DWARF UPRIGHT

**MICHELL'S EXHIBITION.** This new dwarf upright type is a fine addition to the Verbena group. The plants are dwarf and well branched and produce large flower heads. The individual florets have distinct eyes and the color range is a choice mixture of bright shades. This type is fine for bedding and borders. Pkt. 25c.; large pkt. \$1.00; 1/4oz. \$2.00.



Marigold, Michell's Early Golden Jubilee

# All-America Winners and Special Novelties

## PATRIOTIC COLLECTIONS

### CENTAUREA (Cornflower)

<b>Blue Boy</b>	<b>Red Boy</b>	<b>Snowman</b>
1 packet each of above.....		25c.
Large packet each.....		65c.

### MORNING-GLORY

**Scarlett O'Hara** (Red)  
**Pearly Gates** (White)  
**Clarke's Heavenly Blue**

1 packet each of above.....	40c.
Large packet of each.....	\$1.25

### PETUNIA

**General Dodds** (Red)  
**Snowball** (White)  
**Bluebird**

1 packet each of above.....	35c.
Large packet of each.....	\$1.50

## ASTER, VICTORY GIANTS MIXED

*Honorable Mention, All-America Selections.* A splendid extra-early Giants of California or Comet type. Strong, sturdy plants, branching habit, growing 3 feet tall. The flowers average 5 inches across, and in a fine range of colors, including salmon-pink. A splendid type for bedding and cut-flowers. Small pkt. 25c.; large pkt. 75c.

## ASTER, SINGLE, CALIFORNIA RAINBOW

A tall single wilt-resistant Aster which is excellent for cutting. This rainbow mixture is a choice blend of colors. Pkt. 25c.; large pkt. 60c.

## CELOSIA, GILBERT'S MAPLE GOLD

This new type grows 2 to 3 feet high, of good branching habit, each stem terminating in a lovely ball-shape cluster head that varies in size from small to 10 inches in diameter. The maple-pink heads vary in color from light to dark pink tipped with gold. Excellent for cutting and can be dried for winter bouquets. Small pkt. 25c.; large pkt. 75c.

## CLEOME (SPIDERFLOWER), GIANT PINK QUEEN

*Silver Medal, All-America Selections.* Huge trusses of bright salmon-pink top the long stems of this distinctly novel plant. A hardy annual grown from seed planted in the border or garden. Blooms from mid-summer to late fall. Height 3 to 4 feet. Pkt. 25c.; large pkt. 75c.

## IPOMOEA (MORNING-GLORY), PEARLY GATES

*Silver Medal, All-America Selections.* The flowers of this new variety are a lovely lustrous white with creamy shading deep down in the throat and average 4½ inches across. The fast-climbing vines are covered with blooms from the middle of summer until frost. Pkt. 15c.; large pkt. 60c.; ¼oz. 85c.

PRICES SUBJECT TO MARKET CHANGE



Nierembergia, Purple Robe



Xanthisma texanum (Star of Texas)

## MARIGOLDS

**Dwarf French Single, Flash.** *New Bronze Medal, All-America Selections.* The large single flowers are a brilliant tangerine and marigold-brown. As the flowers age they turn to golden orange. Plants are compact, bushy and free blooming, making this variety excellent for cutting borders. When planted in a bed they make a brilliant showing. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

**Dwarf Chrysanthemum-flowered, Golden Bedder.** *Bronze Medal, All-America Selections.* Very early—perhaps the earliest of all. Plants form symmetrical mounds covered with golden orange flowers. A row of outer guard petals is surmounted by a fully double crest of Dixie Sunshine type. Pkt. 25c.; large pkt. 50c.

**Dwarf Double French, Melody.** *Bronze Medal, All-America Selections.* The flowers are fully double, brilliant orange in color, and are of the Harmony type. The compact plants are about 12 inches high. A very early and free bloomer. Pkt. 25c.; large pkt. 50c.

**Mission Giants, Yellowstone.** *Honorable Mention, All-America Selections.* Bright rich clear yellow counterpart to Goldsmith with large 2½-inch flowers on luxurious strong-growing plants. Height 3 to 5 feet. Pkt. 25c.; large pkt. 60c.

## NIEREMBERGIA, PURPLE ROBE

*Bronze Medal, All-America Selections.* A very fine deep violet-purple form of the popular *Nierembergia bippomanica*. It maintains its deep color, does not fade, has a neat, compact, free-flowering habit and blooms from seed in 15 weeks. Plants grow 4 to 6 inches high. Pkt. 25c.; large pkt. 75c.

## PETUNIA, ENGLISH VIOLET

*Honorable Mention, All-America Selections.* A new and most pleasing shade of violet-blue Petunia, different from any other of the mid-blue varieties. It is almost the same beautiful color as English violets and, very important, it will hold this uniform color throughout the season. The plants grow normally 15 inches high, quite compact, and we believe the best blue dwarf bedding Petunia yet introduced. Pkt. 25c.; large pkt. 75c.

## SCHIZANTHUS, CANADA GIANTS

An extra-select, large-flowered, compact greenhouse strain in splendid mixture. Pkt. 50c.; large pkt. \$1.25.

## ZINNIA, GIANT DAHLIA-FLOWERED

Plants of vigorous habit, from 2½ to 3 feet high. Mammoth flowers, 4 to 6 inches across and 2½ to 3 inches deep, so closely resembling Decorative Dahlias that when placed by their side it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

**Indian Summer.** An attractive, unusual mixture of crimson, cherry, flame, burnished copper, yellow, and white. A blend of dazzling colors, excellent for cutting. Pkt. 15c.; large pkt. 40c.; oz. \$2.00.

## XANTHISMA TEXANUM (STAR OF TEXAS)

One of the prettiest annuals and deserves to be very popular. Flowers are single, daisy-like, with long, pointed petals. The color is a light canary-yellow. Stems are wiry and excellent for cutting. Will do well in dry open places. Pkt. 25c.; large pkt. 60c.

# Michell's "Distinctive" Flower Seeds

FOR NOVELTIES AND SPECIALTIES, See Pages 22 and 23

During our fifty-five years of service to American garden lovers, we have always maintained a reputation for seed of superior quality. The success of our many customers in growing superior plants has strengthened our conviction that we shall supply only those varieties and strains of finest quality.

In the pages that follow, all of our Flower Seeds are arranged alphabetically. The annuals, biennials, and perennials are carefully marked so that those who are not familiar with the different kinds of plants will not be confused.

**Annuals.** These grow to maturity, bloom, ripen their seed, and die the same year. Asters, Poppies, Sweet Peas, Morning-Glories, and Zinnias are typical examples. Some of these Annuals are sown in a sunny window indoors, or in a hotbed or coldframe from March to May in order to get an early start. Seed of practically all Annuals can be sown in the open ground after danger of frost has passed.

**Biennials.** These are raised from seed started in early summer, flowering the second year, after which they die. Typical examples are Pansies, English Daisies, and Canterbury Bells.

**Perennials.** These plants live on from year to year, increasing in size and in beauty with age. Typical examples are Aquilegia, Delphinium, and Hardy Phlox. Many Perennials may be grown from seed, which is usually planted outdoors from June to September. The young plants may be carried over the first winter in a coldframe or they may be set in their permanent places in early autumn and given a light protective mulch the first season. Some Perennials are known as half-hardy and require winter protection each season, and those known as Tender Perennials require greenhouse protection over winter.

A complete index of Flower Seeds will be found on page 95. Varieties marked ★ are especially suitable for rock-gardens.

## IMPORTANT NOTICE REGARDING FLOWER SEEDS—PLEASE READ

Many varieties of flower seeds will not be available this season. The war has made it impossible to import stocks which are normally sold by the American seedsmen. Many of these sorts have never been produced in this country.

Furthermore, the labor shortage has handicapped the production in California. We, therefore, will take the liberty of substituting other good varieties wherever possible. However, we believe that the American gardener will find that our list contains sufficient good standard varieties to cover his needs. A further suggestion is to order early while present supplies last.

### Ageratum • Floss Flower

One of the best bedding plants, being literally a mass of bloom from early summer till frost.

**MICHELL'S BLUE BOY.** See page 22 for description. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$1.75.

**Midget Blue.** Silver Medal, All-America Selections. A fine dwarf Ageratum 3 inches high with small true Ageratum-blue flowers. Small pkt. 25c.; large pkt. 75c.

**Blue Cap.** Fine, dwarf, very compact variety. Flowers larger than Little Blue Star. Pkt. 15c.; large pkt. 75c.

★ **Blue Ball.** Dwarf, ball-shaped plants. Very large blue flowers. 6 in. Pkt. 10c.; large pkt. 30c.

**Blue Perfection.** Large heads of deep blue flowers. 1 ft. Pkt. 10c.; large pkt. 25c.

**FAIRY PINK.** A delightful soft salmon-rose-pink color. Dwarf and compact. Pkt. 25c.; large pkt. 75c.

**Little Blue Star.** Plants densely covered with bright blue flowers. 5 in. Pkt. 15c.; large pkt. 60c.

**MEXICANUM.** Tall, pure white, fine for cutting. 2 ft. Pkt. 10c.; large pkt. 25c.



Ageratum, Michell's Blue Boy

### Acroclinium

See Everlasting Flowers, page 32.

### Alyssum ANNUAL VARIETIES

**VIOLET QUEEN.** New, dwarf, compact form, flowers of which are a pretty bright violet tint. A decidedly brilliant shade, and a variety that will come true from seed. Pkt. 15c.; large pkt. 60c.; ¼ oz. \$1.00.

**Lilac Queen.** Dwarf, compact grower. Flowers pure lilac color. 4 in. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Little Gem.** Plants dwarf, compact, densely covered with white flowers. 4 in. Pkt. 10c.; large pkt. 25c.; oz. 90c.; ¼ lb. \$3.00.

★ **MICHELL'S BOUQUET.** Carpet of Snow. The dwarf, compact plants bear a perfect bouquet of miniature white flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Sweet (A. maritimum).** Fragrant, white-flowering trailing variety. 6 in. Pkt. 10c.; large pkt. 25c.; oz. 60c.; ¼ lb. \$1.75.

### PERENNIAL VARIETIES

★ **Rock-Garden Hybrids, Mixed.** A rare perennial species, excellent for the rock-garden. Pkt. 25c.; large pkt. 75c.

★ **Saxatile compactum.** Basket of Gold. An ideal hardy perennial plant with showy golden yellow flowers in May. 1 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

★ **Saxatile compactum, Silver Queen.** Pale primrose-yellow. Pkt. 15c.; large pkt. 40c.; ¼ oz. \$1.00.

### Amaranthus

These decorative foliage plants are easily raised from seed, either by starting them early indoors or sowing outdoors in May.

**Molten Fire.** Summer Poinsettia. Extremely ornamental and the most beautiful of all Amaranthus. Leaves dark bronze, center poinsettia-red. Pkt. 25c.; large pkt. 60c.

**Tricolor splendens.** Joseph's Coat. Foliage green, variegated crimson and yellow. 2 ft. Pkt. 10c.; large pkt. 25c.

**Mixed.** Pkt. 10c.; large pkt. 25c.



Sweet Alyssum, Michell's Bouquet

### Anchusa • Sea Bugloss

**Blue Bird.** Dwarf, compact grower. Flowers bright indigo-blue. Pkt. 10c.; large pkt. 25c.

**Capensis.** Cape Forget-me-not. A fine blue annual variety, blooming all summer. 1½ ft. Pkt. 10c.; large pkt. 25c.

**Italica, Dropmore.** Hardy perennial plant with lovely gentian-blue flowers. 3 to 4 ft. Pkt. 10c.; large pkt. 25c.

★ **Myosotidiflora.** Perennial with small Forget-me-not-like blue flowers. Fine for the rockery. 15 in. Pkt. 25c.; large pkt. 75c.

### Anthemis • Hardy Marguerite

A handsome, hardy perennial, bearing daisy-like flowers all summer. Excellent for cutting.

**Tinctoria Kelwayi.** Bright yellow. 2 ft. Pkt. 10c.; large pkt. 30c.

## Antirrhinum • Snapdragon



Antirrhinum, Reveille

### RUSTPROOF VARIETIES

This strain has proved excellent under wet outdoor conditions and the flowers are better than 75 per cent rustproof. 2 to 3 ft.

Each plant produces from 15 to 18 spikes, which are non-lateral, with flower heads 10 to 14 inches long.

**MICHELL'S NEW CHERRY QUEEN, Maximum Grandiflorum Type,** Rust-resistant. Our new introduction is a fine giant Snapdragon. The color is a brilliant cerise-rose, a very bright shade under artificial light. The plant habit is compact and produces many giant upright spikes with large individual florets. This is an excellent variety for the cutting garden. Pkt. 25c.; large pkt. \$1.00; 1/4 oz. \$1.50.

**Reveille, Majus Grandiflorum, R.-R. New.** This gorgeous new Snapdragon grows to a height of 22 inches and has an upright base-branching habit, each plant producing from 6 to 8 huge spikes of flowers. The color is a deep luminous yellow with the upper lip of each floret toning to a lighter lemon-yellow. The individual florets are unusually large and the plant is rust-resistant. Pkt. 25c.; large pkt. \$1.00.

**MICHELL'S NEW IMPROVED RUST-PROOF, CHEVIOT MAID SUPREME.** Large, coral-rose, non-shattering flowers. Pkt. 25c.; large pkt. 85c.

### NEW SUPER MAJESTIC

This new group is superb as a cut-flower or for bedding.

**Crimson Shades.** Garnet and ruby shades. Pkt. 25c.; large pkt. 75c.

**Dainty.** Delightful soft pink. Pkt. 25c.; large pkt. 75c.

**Orange Shades.** Orange and gold shades. Pkt. 25c.; large pkt. 75c.

**ROSE SENSATION. Novelty.** A beautiful rich rose-pink. The flowers are huge, both tube and flower being one solid color. Pkt. 25c.; large pkt. 75c.

**Rose Shades.** Shades of rose and pink. Pkt. 25c.; large pkt. 75c.

**Super Majestic Mixture.** Pkt. 25c.; large pkt. 75c.; 1/4 oz. \$1.25.

### MAXIMUM RUSTPROOF VARIETIES

**Campfire.** Luminous scarlet, free from orange or bluish tinges. Pkt. 15c.; large pkt. 60c.

**Canary Bird.** Brilliant canary-yellow flowers very closely spaced on the stem. Pkt. 15c.; large pkt. 60c.

**Copper Shades.** An outstanding variety because of the many orange and copper shades. Pkt. 15c.; large pkt. 60c.

**Crimson.** Color pure crimson, overlaying a ground of orange, giving the effect of a fiery crimson. Pkt. 15c.; large pkt. 60c.

**Daffodil.** Two-tone daffodil-yellow. Pkt. 15c.; large pkt. 60c.

**Indian Summer.** Coppery orange and scarlet. Pkt. 15c.; large pkt. 60c.

**Loveliness.** A most attractive pure, soft rose-pink. Pkt. 15c.; large pkt. 60c.

**PARADISE ROSE.** Beautiful soft rose-pink; long spikes. Especially fine for cutting. Pkt. 15c.; large pkt. 60c.

**ROSALIE. All-America.** Rich deep rose with an underlying tone of topaz or amber. Pkt. 25c.; large pkt. 60c.

**Shasta.** Color pure white. Very early and free flowering. Pkt. 15c.; large pkt. 60c.

**SWINGTIME.** A lovely new color combination—soft pink with white tube. Pkt. 15c.; large pkt. 60c.

**YELLOW GIANT.** Striking deep yellow. Pkt. 15c.; large pkt. 60c.

**University of California Mixture. All-America Winner.** A combination of colors, the result of extensive crosses. Pkt. 15c.; large pkt. 60c.; 1/4 oz. \$1.00.

### NANUM GRANDIFLORUM

#### Semi-Dwarf, Rustproof Varieties

Height 1 to 2 feet

**Appleblossom. New.** This is the first pale pink to be offered in this group. Color of flowers is the well-known appleblossom-pink. Pkt. 25c.; large pkt. 75c.

**Princess.** The colors are brilliant salmon-rose, a glowing shade under artificial lights. Pkt. 25c.; large pkt. 75c.

**MICHELL'S WHITE.** The best pure white in this group. A fine variety. Pkt. 25c.; large pkt. 75c.

**ANTIQUE GOLD.** A new color in this group—shades of old gold, copper, and orange. Pkt. 15c.; large pkt. 60c.

**Carmine-Rose.** Light carmine-rose, yellow lip. Pkt. 15c.; large pkt. 60c.

**Red Boy.** Bright carmine-rose and yellow. Pkt. 15c.; large pkt. 60c.

**Tangerine. New.** Brilliant bronzy orange. Pkt. 15c.; large pkt. 60c.

**Wildfire.** Orange-scarlet, yellow lip. Pkt. 15c.; large pkt. 60c.

**Yellow Gem.** Clear golden yellow. Pkt. 15c.; large pkt. 60c.

**Mixed.** A superior mixture. Pkt. 15c.; large pkt. 50c.

### SPECIAL FORCING VARIETIES FOR GREENHOUSE CULTURE

**Afterglow.** Golden bronze. Large pkt. only, \$1.25.

**Ceylon Court.** Canary-yellow. Large pkt. only, 85c.

**Cheviot Maid Supreme.** An improvement on Cheviot Maid, deeper in color and longer stems. Large pkt. only, 85c.

**Coates' Yellow Perfection.** Fine, deep yellow. Medium early. Large pkt. only, 85c.

**Lucky Strike. New.** The best large-flowering white to date. Large pkt. only, 85c.

**Rose Queen.** Dark pink. Large pkt. only, 85c.

**Special Forcing, Mixed.** Pkt. 25c.; large pkt. \$1.00.

### MICHELL'S GIANT TALL VARIETIES

These are not rustproof.

Flowers very large, produced on long spikes and invaluable for cutting. 2½ to 3 ft.

**Giant Brilliant Rose.** Pkt. 10c.; large pkt. 40c.

**Giant Crimson King.** Rich crimson. Pkt. 10c.; large pkt. 40c.

**Giant Golden King.** Fine golden yellow. Pkt. 10c.; large pkt. 40c.

**Giant Harmony.** Orange, shaded rose. Pkt. 10c.; large pkt. 40c.

**Giant Queen Victoria.** Pure white. Pkt. 10c.; large pkt. 40c.

**Giant Mixed.** All colors. Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

### SEMI-DWARF VARIETIES

These are not rustproof.

The semi-dwarf sorts grow about 1½ feet high, with large flowers. Excellent for bedding.

**Amber Queen.** Canary-yellow, overlaid chamois-pink. Pkt. 10c.; large pkt. 40c.

**Firebrand.** Rich deep red. Pkt. 10c.; large pkt. 40c.

**Gloria.** Rich deep rose. Pkt. 10c.; large pkt. 40c.

**Golden Queen.** Golden yellow. Pkt. 10c.; large pkt. 40c.

**Nelrose.** Pure rose-pink. Pkt. 10c.; large pkt. 40c.

**Purity.** Pure white. Pkt. 10c.; large pkt. 40c.

**Royal Rose.** Rich rose-pink. Pkt. 25c.; large pkt. 75c.

**Saint George.** Golden orange-cerise. Pkt. 25c.; large pkt. 75c.

**Mixed.** All colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.75.

### Arctotis • African Daisy

**Grandis.** Large, daisy-like flowers; pure white on upper surface, reverse petals lilac. 3 ft. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### Asparagus

**Plumosus nanus.** An excellent plant for house or conservatory decoration, or cutting, on account of its graceful, finely cut foliage. Pkt. 10c.; 100 seeds, 50c.

**Sprengeri.** One of the best plants to grow in hanging-baskets or window-boxes, vases, etc. Pkt. 10c.; 100 seeds, 50c.

ALL PRICES SUBJECT TO MARKET CHANGES



Arctotis

## Michell's Superb Asters



Aster, Victory Giants Mixed

**SPECIAL NOTE.** While this lovely fall flower is very easily grown from seed, the greatest possible care should be exercised with the seed-bed. Old soil and boxes should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible. Barnyard manure should never be employed as a fertilizer; we recommend the use of fine-ground bonemeal. Asters should not be grown in the same location two years in succession.

### NOVELTY FUSARIUM-WILT RESISTANT STRAINS

We believe the following varieties are practically immune to this disease. We feel sure that by using this seed many disappointments due to crop failures will be eliminated.

**VICTORY GIANTS MIXED.** Honorable Mention, All-America Selections. A splendid extra-early Giants of California or Comet type. Strong, sturdy plants, branching habit, growing 3 feet tall. The flowers average 5 inches across, and in a fine range of colors, including salmon-pink. Really a well-balanced mixture without reds. A splendid type for bedding and cut-flowers. Small pkt. 25c.; large pkt. 75c.

**EARLY GIANT, ROSE MARIE.** Honorable Mention, All-America Selections. A fascinating, rich, lively shade of rose, the flowers are 4 to 5 inches in diameter, full, with broad, graceful petals, daintily plumed and intertwined. Pkt. 25c.; large pkt. 75c.

**EARLY GIANT, LIGHT BLUE.** All-America Winner. Flowers are large and full, with broad, graceful petals, daintily plumed and intertwined. The plants are 2 feet high and very free and early blooming. Pkt. 25c.; large pkt. 60c.

**PEACH BLOSSOM.** Very attractive, large, full-petaled flowers. A delightful shade of light pink turning to lavender-pink when fully matured. Pkt. 25c.; large pkt. 60c.

**GOLDEN SHEAF.** The deepest yellow Aster yet introduced. Flowers are fully double, with an attractive crestlike center, of good substance and fine depth of petal, on long stems. Pkt. 15c.; large pkt. 60c.

### AMERICAN BEAUTY ASTERS

Similar in type of flower and growth to the well-known Late Branching Asters, but on much longer and heavier stems.

	Pkt.	Large pkt.
Azure Fairy.....	\$0 15	\$0 60
Carmine-Rose.....	15	60
Crimson.....	15	60
Purple.....	15	60
Shell-Pink.....	15	60
White.....	15	60
Mixed.....	15	50

### COLLECTION

One pkt. each of above 6 colors, 65c.

### HEART OF FRANCE

	Pkt.	Large pkt.
Ruby Red.....	\$0 15	\$0 60

### EARLY ROYAL BRANCHING ASTERS

#### Fusarium-Wilt Resistant Strains

An excellent strain of Early Branching Aster, of the same form and having the same good qualities as the Late Branching but blooming in July or early August.

	Pkt.	Large pkt.
Azure-Blue.....	\$0 15	\$0 60
Lavender.....	15	60
Peach Blossom.....	15	60
Purple.....	15	60
Rose-Pink.....	15	60
White.....	15	60
Mixed.....	15	50

### COLLECTION

One pkt. each of above 6 colors, 65c.

### CREGO'S GIANT COMET ASTERS

Gigantic flowers, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge chrysanthemum.

	Pkt.	Large pkt.
Crimson.....	\$0 15	\$0 60
Deep Rose.....	15	60
Lavender.....	15	60
Shell-Pink.....	15	60
Violet.....	15	60
White.....	15	60
Mixed.....	15	50

### COLLECTION

One pkt. each of above 6 colors, 65c.

### MICHELL'S IMPROVED SEMPLE'S AMERICAN BRANCHING ASTERS

This is the finest late-blooming Aster. The deep, heavy, incurved flowers are borne on rigid stems, often 2 feet and more in length. Our Improved Strain has been secured after many years of careful selection.

	Pkt.	Large pkt.
Azure-Blue.....	\$0 15	\$0 60
Crimson.....	15	60
Deep Rose.....	15	60
Lavender.....	15	60
Peerless Pink.....	15	60
Purple.....	15	60
Shell-Pink.....	15	60
White.....	15	60
Mixed.....	15	50

### COLLECTION

One pkt. each of 6 colors, our selection, 65c.

### IMPROVED QUEEN OF THE MARKET ASTERS

Very desirable on account of its earliness and the freedom with which it blooms. Well-formed flowers are produced on 12-inch stems in the greatest profusion early in July. Large

	Pkt.	Large pkt.
Crimson.....	\$0 15	\$0 60
Dark Blue.....	15	60
Light Blue.....	15	60
Peach Blossom.....	15	60
Rose-Pink.....	15	60
White.....	15	60
Mixed.....	15	50

### COLLECTION

One pkt. each of above 6 colors, 65c.

### SINGLE CALIFORNIA RAINBOW ASTER

A tall single wilt-resistant Aster which is excellent for cutting. This rainbow mixture is a choice blend of colors. Pkt. 25c.; large pkt. 60c.

### Asters, Regular Strains Not Wilt-Resistant

#### CALIFORNIA GIANT ASTERS

The large flowers are of the Crego type, with the habit and long stems of the Beauty type. Their immense size and beauty, as well as their long stems, make them very attractive.

	Pkt.	Large pkt.
Dark Purple.....	\$0 15	\$0 60
Deep Rose.....	15	60
Light Blue.....	15	60
Peach Blossom.....	15	60
White.....	15	60
Mixed Colors.....	15	60

### COLLECTION

One pkt. each of above 5 colors, 60c.

### NEW GIANT PEONY-FLOWERED ASTERS

This is an exceptionally fine strain with flowers of immense size, very double, and borne on long, stout stems. They are good shippers and keep longer after cutting than any other Aster.

	Pkt.	Large pkt.
Mixed.....	\$0 25	\$0 60

### SINGLE GIANT CALIFORNIA SUNSHINE ASTERS

The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long, stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description.

	Pkt.	Large pkt.
Mixed.....	\$0 25	\$0 60

### Two Novelty Super Giant Asters

Giants of California late type, the largest yet introduced. Very artistic, due to the unusual curling and interlacing of the petals.

**EL MONTE.** A deep, glowing crimson. Flowers are large and fluffy. Very early. Pkt. 20c.; large pkt. 75c.

**LOS ANGELES.** Pure shell-pink. Stems unusually long. Pkt. 15c.; large pkt. 75c.

"We had your Victory Giant Asters this spring and want to report that this is the prettiest general mixture we have ever seen. The colors are rich and unusual, blooms of splendid size and on wonderful long stems for cutting."—P. L. W.

ALL PRICES SUBJECT TO MARKET CHANGES

# Our Long-Spurred Columbines are really gorgeous

## Aquilegia • Columbine

These are among the most beautiful of spring and early summer flowers. Very effective in the herbaceous border and among shrubbery. Graceful spurred flowers on stems 2 feet or more above the fernlike foliage.

### THREE BEAUTIFUL NEW AQUILEGIAS

#### CLEMATIFLORA, CHOICE MIXED.

New. Spurless Columbine with beautiful open flowers like clematis. Contains all colors with the exception of deep red. Pkt. 25c.; large pkt. \$1.00.

**COPPER QUEEN.** Lovely deep copper, with long spurs of deeper blue. Pkt. 25c.; large pkt. 75c.

**LONGISSIMA.** The most beautiful Long-spurred Aquilegia. The flowers are of striking formation, with deep yellow petals, paler yellow sepals and spurs 4 to 5 inches or more in length. Pkt. 25c.; large pkt. \$1.00.

#### COLLECTION

One pkt. each of above 3 varieties, 65c.

### SELECT LONG-SPURRED AQUILEGIAS

The finest types. The free-flowering plants are of strong, robust growth.

**Blue Shades.** Pkt. 25c.; large pkt. 75c.

**Orange and Scarlet Shades.** Pkt. 25c.; large pkt. 75c.

**Pink and Rose Shades.** Pkt. 25c.; large pkt. 75c.

**Snow Queen.** Pure white. Pkt. 25c.; large pkt. 75c.

**Mrs. Scott Elliott's Select Strain.** Choice mixed. Pkt. 25c.; large pkt. 85c.

**Hybrids.** Mixed colors. Pkt. 10c.; large pkt. 60c.

### STANDARD VARIETIES

★**Alpina.** Blue and white. Fine for rock-gardens. 1½ ft. Pkt. 10c.; large pkt. 50c.

**Cerulea.** Rocky Mountain Columbine. Large, violet-blue and white flowers. Pkt. 10c.; large pkt. 60c.



Aquilegia clematiflora

### STANDARD AQUILEGIAS, continued

**Californica hybrida, Mixed.** Principally yellow and orange shades. Long spurs. Pkt. 10c.; large pkt. 50c.

**Canadensis.** The scarlet and yellow native species. Pkt. 10c.; large pkt. 50c.

**Double, Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.40.

**Baby's Breath.** See Gypsophila, page 33.

### Bachelor's Button

See Centaurea and Gomphrena, pages 29, 32.

### Baileya multiradiata

#### Desert Sun Ray

Fine annual, growing 1 foot high, with grayish green foliage. The flowers are handsome and daisy-like, 1½ inches across, composed of many bright yellow rays. Excellent as a cut-flower, and fine for dry locations. Small pkt. 25c.; large pkt. 60c.

### Balloon Vine • Love-in-a-Puff

A rapid-growing annual climber with white flowers, followed by inflated seed-pods. Pkt. 10c.; oz. 25c.

### Double Balsam • Lady's Slipper

An old and popular garden flower of easy culture. Gorgeous masses of brilliantly colored, double flowers. 2 ft.

**Camellia-flowered, Choice Mixed.** Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

**Double Bush-flowered.** This is a new type of dwarf, bush-flowering Balsam. The plants grow 6 to 8 inches tall, are very compact, and entirely covered with double flowers, which make them ideal for edging the rock-garden or for window-boxes.

**Choice Mixed.** Pkt. 15c.; large pkt. 50c.; ¼ oz. \$1.00.

### Baptisia • False Indigo

**Australis.** A strong-growing perennial plant 3 feet high. Dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers. June and July. Pkt. 10c.; large pkt. 50c.

### Bean, Runner

**Scarlet.** A rapid climber, flowering profusely. Grows 10 to 15 feet high. Pkt. 10c.; ½ lb. 35c.; lb. 50c.; 5 lbs. \$2.25.

### Begonia gracilis

One of the finest outdoor flowering Begonias. 1 ft.

**Carmen.** Bright pink. Bronze foliage. Pkt. 35c.; large pkt. \$1.25.

**Indian Maid.** Bright, deep scarlet flowers and dark bronze foliage. Pkt. 25c.; large pkt. \$1.25.

**Prima Donna.** Rose, shading to carmine. Pkt. 25c.; large pkt. \$1.25.

**White Pearl.** Lovely white variety. Pkt. 25c.; large pkt. \$1.25.

### Begonia semperflorens

The following varieties are unsurpassed for bedding plants, thriving equally well in partially shaded or sunny locations. As pot-plants for winter flowering, they are superb.

**Darling.** Plants are ball-shaped, of dwarf habit, growing about 8 inches high. Flowers large and of a brilliant carmine-rose. Most effective for beds and borders. Pkt. 35c.; large pkt. \$1.00.

**Christmas Cheer.** Flowers bright crimson-scarlet and produced in immense quantities; fine for Christmas forcing. Pkt. 25c.; large pkt. \$1.25.

**Choice Mixed.** All colors. Pkt. 25c.; large pkt. \$1.25.



Balsam, Camellia-flowered

### Blue Lace Flower

See Didiscus, page 31.

### Brachycome

**Choice Mixed.** Swan River Daisy. A free-flowering, dwarf-growing annual, 1 foot tall, covered during the greater part of the summer with a profusion of dainty flowers. Pkt. 10c.; large pkt. 25c.

### Browallia

A favorite bedding plant, producing beautiful flowers during the summer and autumn months. Blooms well in winter if the plants are lifted in the autumn and cut back. 1½ ft.

**Elata cerulea.** Large, sky-blue flowers. Pkt. 10c.; large pkt. 30c.

**Speciosa major.** Flowers large, ultramarine-blue. Pkt. 20c.; large pkt. 75c.

**Viscosa compacta, Sapphire.** Large, dark blue flowers with white eyes. Pkt. 20c.; large pkt. 75c.

### Cactus

**All Kinds, Mixed.** Growing Cacti from seed is easy and interesting. Seed germinates irregularly over a period of 14 to 40 days. Pkt. 25c.; large pkt. 75c.

### Calceolaria

Excellent plants for decorating the greenhouse or conservatory, producing a mass of pocketbook-like flowers.

**Albert Kent Hybrids.** A fine English variety for either greenhouse or outdoor culture. Flowers medium size in large, graceful clusters in an excellent mixture. Pkt. 50c.; large pkt. 85c.

**Hybrida grandiflora, Tall Mixed.** Large, self-colored flowers from a choice collection. 1½ ft. Pkt. 25c.; large pkt. 85c.

**Hybrida grandiflora pumila compacta.** Dwarf, compact grower, with immense trusses of large, self-colored and spotted flowers. 1 ft. Pkt. 25c.; large pkt. 85c.

## Tuberous-rooted Begonias for that shady place



Calendula, Sunbeams

### Calendula • Pot Marigold

Free-flowering, showy annuals of easy culture. 1 ft.

**SUNBEAMS.** An Exclusive *Michell* Novelty. An exquisite blending of many delightful shades and color combinations, from pale cream to deep orange. Flowers are of various types and forms, excellent for cutting. Pkt. 25c.; large pkt. 60c.; ¼ oz. \$1.00.

**ORANGE SHAGGY.** All-America Winner. A distinct break in *Calendulas*. Petals long and distinctly fringed or laciniated; color, deep orange, shading to slightly lighter orange in center of blooms. Stems long. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Campfire (Sensation).** Fine orange variety, with a scarlet sheen and full yellow center. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

**Chrysanth (Sunshine).** All-America Winner. The large, double, clear buttercup-yellow flowers bear a striking resemblance to a *chrysanthemum*. Long stems. Pkt. 15c.; large pkt. 30c.; oz. \$1.00.

**Michell's Special Forcing, Orange.** Pkt. 15c.; large pkt. 50c.; oz. \$1.25.

**Ball Lemon Queen.** Medium deep yellow, with an attractive dark brown center. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

**Ball Orange.** Bright, glowing orange. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

**Lemon King.** Lemon-yellow. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Orange King.** Rich dark orange. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Mixed Colors.** Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### Calliopsis

#### ANNUAL VARIETIES

Showy and easily grown annuals. Perfect little bushes which are a mass of bloom from early summer until cut down by frost. Excellent for cutting.

**GOLDEN CREST.** Award of Merit, All-America Seed Selections. Color rich orange-yellow or gold with brown center. Many of the flowers have a double row of petals. Free flowering, with stems 1 foot long. Excellent for cutting, and has a pleasing fragrance. Pkt. 15c.; large pkt. 30c.; oz. 90c.

**Tall Varieties, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Dwarf Varieties, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

### Candytuft • Iberis

Dwarf, profuse-flowering garden annuals of easy culture and useful for bedding or borders. Bloom within 8 weeks after sowing.

**Carmine.** Pkt. 10c.; large pkt. 25c.; oz. 65c.

**Crimson.** Pkt. 10c.; large pkt. 25c.; oz. 65c.

**Empress (Hyacinth-Flowered).** An excellent variety. Long trusses of white flowers. Pkt. 10c.; large pkt. 25c.; oz. 65c.

**Lavender.** Pkt. 10c.; large pkt. 25c.; oz. 65c.

**Michell's Giant White.** Immense, pure white spikes of bloom. Fine for forcing under glass for cutting and for pot culture. Pkt. 10c.; large pkt. 30c.; oz. \$1.10.

**Pink.** Pkt. 10c.; large pkt. 25c.; oz. 65c.

**Purple.** Deep rich purple. Pkt. 10c.; large pkt. 25c.; oz. 65c.

**Rose-Cardinal.** Rosy red. Pkt. 10c.; large pkt. 30c.; oz. 90c.

**Choice Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. 75c.; ¼ lb. \$2.25.

★ **Gibraltarica.** Perennial. Flowers lilac, shading to white. Pkt. 10c.; large pkt. 40c.

★ **Sempervirens.** Dwarf spring-flowering perennial. Flowers glistening white. Fine for rockeries. 1 ft. May. Pkt. 10c.; large pkt. 60c.

### Campanula

#### Annual Single Varieties

New varieties which bloom from seed in less than six months. Plants grow from 2 to 2½ feet high and each produces from 6 to 8 spikes of bloom.

**Blue Bell.** Another new color in *Campanulas*—a beautiful Cambridge-blue shade. The large flowers are borne on long, strong spikes. Pkt. 15c.; large pkt. 30c.

**Mission Bell.** This new variety is a beautiful clear pink color. Its fine large spikes of blooms are most attractive. Pkt. 15c.; large pkt. 30c.

**Wedding Bell.** Fine large spikes of pure white flowers. Pkt. 15c.; large pkt. 30c.

**Choice Mixture.** Blue, pink, and white shades. Pkt. 15c.; large pkt. 25c.

### Campanula Medium

#### Canterbury Bells

Showy, hardy biennial, growing about 3 feet high, with large, bell-shaped flowers. Sow from June 1 till September 1 and when strong enough transplant to a distance of 6 inches apart. They flower the following summer, after which they die. Pkt. Large pkt. Oz.

**Single Blue**.....\$0 10 \$0 25 \$0 85

**Single Pink**.....10 25 85

**Single White**.....10 25 85

**Single Mixed**.....10 25 85

### Campanula medium calycanthema

#### Cup-and-Saucer Canterbury Bells

These produce beautiful, large, single flowers resembling a cup and saucer.

	Pkt.	Large pkt.
<b>Blue</b> .....	\$0 10	\$0 50
<b>Lilac</b> .....	10	50
<b>Pink</b> .....	10	50
<b>White</b> .....	10	50
<b>Mixed</b> .....	¼ oz. 60c.	10 40

### Campanula or Bellflower

#### PERENNIAL VARIETIES

Well-known, hardy perennials, bearing a profusion of beautiful bell-shaped flowers. Thrive best in light rich soil.

**Persicifolia grandiflora.** Peach Bells. Spikes 4 feet tall; immense blue bell-shaped flowers. Pkt. 15c.; large pkt. 50c.

**Persicifolia grandiflora alba.** Pure white. Pkt. 15c.; large pkt. 50c.

**Persicifolia, Telham Beauty.** Large, china-blue bells. 2½ ft. Pkt. 35c.; large pkt. \$1.00.

### Carnation

#### ANNUAL VARIETIES

These are general favorites for their richness of color and delightful fragrance.

**MARGUERITE, GIANT-FLOWERING, ALL-DOUBLE, MIXED.** For complete description see *Novelties*, page 22. Pkt. 25c.; large pkt. 75c.

**GIANT ENFANT DE NICE.** Annual 20 inches high. The result of a cross between Chabaud's Giant and Perpetual. Plants are of robust habit, with long stems, producing flowers from 2½ to 3 inches in diameter.

**Red.** Blood-red. Pkt. 25c.; large pkt. 75c.

**Rose.** Deep rose. Pkt. 25c.; large pkt. 75c.

**Salmon.** Light. Pkt. 25c.; large pkt. 75c.

**White.** Pkt. 25c.; large pkt. 75c.

**Mixed.** Pkt. 25c.; large pkt. 75c.

**Rasse Teicher Strain, Mixed.** A new European variety, producing large blooms in a fine range of colors. Choice mixture. Pkt. 25c.; large pkt. \$1.00.

#### CHABAUD'S GIANT

Blooms in five months after seed is sown and continues to bloom throughout the summer. Flowers of fine substance and usually come 90 per cent double.

**Jeanne Dionis.** Pure white. Pkt. 15c.; large pkt. 60c.

**Marie Chabaud.** Yellow. Pkt. 15c.; large pkt. 60c.

**Sparkler.** Brilliant cardinal-red. Pkt. 15c.; large pkt. 60c.

**The Pearl.** Beautiful rose-pink. Pkt. 15c.; large pkt. 60c.

**Choice Mixed.** Pkt. 15c.; large pkt. 60c.

#### MARGUERITE CARNATIONS

These will bloom in four months after sowing the seed. The flowers are large, fragrant, and are produced continuously.

**Choice Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

#### PERENNIAL VARIETIES

**Grenadin.** The Grenadin Carnation is an excellent early-blooming, large-flowering type. Fine for cut-flowers.

**Black King.** A fine dark red. Pkt. 25c.; large pkt. 75c.

**Cardinal.** Brilliant scarlet. Pkt. 25c.; large pkt. 75c.

**Triumph Pink.** Pure rose-pink. Pkt. 25c.; large pkt. 75c.

**White.** Snow-white. Pkt. 25c.; large pkt. 75c.

**White Gold.** Soft yellow. Pkt. 25c.; large pkt. 75c.

**Mixed.** Pkt. 25c.; large pkt. 75c.



Carnation, Chabaud's

## Canary Bird Vine

*Tropaeolum canariense*

One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers. Good for shade. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## Castor-Oil Bean

See *Ricinus*, page 41.

## Cardinal Climber

*Quamoclit hybrida* Sloteri

A rapid grower and free bloomer. Grows to a height of 20 to 30 feet. Leaves dark green and deeply lacinated. Bears a profusion of fiery cardinal-red flowers. Pkt. 10c.; large pkt. 40c.; 1/4 oz. \$1.25.

## Centaurea cyanus

Cornflower; Bachelor's Button

Also known as Blue Bottle, Ragged Sailor, Bluet, etc. An old favorite garden annual. Excellent for cutting. 2 ft.

**MICHELL'S SUPER-GIANT STRAIN.** This super strain is the last word in giant double Cornflowers.

**Blue Boy.** Deep cornflower-blue. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Pinkie.** Clear deep pink. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Red Boy.** The best deep red. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Snowman.** Pure white. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Choice Mixture.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

## PATRIOTIC COLLECTION

One pkt. each Blue Boy, Red Boy, and Snowman, 25c. Large pkt. of each, 65c.

**JUBILEE GEM.** This new dwarf type is very free flowering. Fine for pots or borders. Pkt. 15c.; large pkt. 50c.; oz. \$1.75.



Centaurea, Jubilee Gem

## CENTAUREA IMPERIALIS

Giant Cornflower; Sweet Sultan

The finest of all Sweet Sultans for cut-flower purposes. Gigantic, beautiful, sweet-scented flowers borne on long stems. 2 to 3 ft.

**Lavender Beauty.** Large flowers, 3 to 3 1/2 inches across. An easily grown annual, excellent for cutting. Pkt. 15c.; large pkt. 30c.

**Brilliant Pink**  
**Deep Rose**  
**Lavender**  
**Lilac**

**Purple**  
**White**  
**Yellow** (*C. suaveolens*)  
**Choice Mixed**

Pkt. 10c.; large pkt. 25c.; oz. \$1.00

## WHITE-LEAVED CENTAUREA

Dusty Miller

Grown for their silvery foliage and used as edging plants and in hanging-baskets.

**Candidissima.** Broad cut leaves of silvery gray. Pkt. 10c.; large pkt. 50c.

**Gymnocarpa.** Fine cut silvery gray foliage. Pkt. 10c.; large pkt. 25c.

## VARIOUS CENTAUREAS

**Americana.** Handsome, large, thistle-like blooms of rosy lavender. 3 ft. Pkt. 10c.; large pkt. 25c.

**Americana alba.** Pure white. Pkt. 10c.; large pkt. 25c.

## Cerastium • Snow-in-Summer

★**Tomentosum.** Perennial. Dwarf, white-leaved edging plant with white flowers. 1 ft. Pkt. 10c.; large pkt. 40c.

## Celosia plumosa

Feathered Cockscomb

An excellent decorative plant for the garden. The feathery plumes are produced on long stems and are fine for cutting.

**GILBERT'S MAPLE GOLD.** A new variety of *Celosia cristata* (Cockscomb). This new type grows 2 to 3 feet high, of good branching habit, each stem terminating in a lovely ball-shape cluster head that varies in size from small to 10 inches in diameter. The maple-pink heads vary in color from light to dark pink tipped with gold. Excellent for cutting and can be dried for winter bouquets. Original packets only at 25c. small pkt.; 75c. large pkt.

**Pyramidalis, Improved Flame of Fire.** All-America Winner. This new type is, without doubt, the finest in the Pyramidalis group. The flowers are brilliant crimson. 1 1/2 ft. Pkt. 25c.; large pkt. 60c.

**Golden Plume.** Bright golden yellow plumes. Pkt. 10c.; large pkt. 40c.

**Heatherdell.** New Ostrich Plume Cockscomb. A fine new variety with great trusses of feathered and interlaced plumes, in a fine range of red, pink, and yellow shades. Specially adapted for pot culture. Pkt. 25c.; large pkt. 75c.

**Pride of Castle Gould, Mixed.** Immense flower-heads that closely resemble ostrich plumes. Colors are blood-red, carmine, yellow, orange, golden, orange-scarlet, etc. Pkt. 15c.; large pkt. 60c.

**Spicata.** An easy-to-grow, free-branching type, each stem terminating in a round, slender, pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white. Pkt. 15c.; large pkt. 50c.

**Scarlet Plume.** Pkt. 10c.; large pkt. 40c.

**Choice Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.



Celosia, Royal Velvet

## Celosia cristata

Crested Cockscomb

Very desirable annuals of easy culture, producing large, brilliant, comblike heads.

**Cristata, Miracle.** An excellent tall-growing selection of choice colors, ranging through deep crimson, pinks, bronzes, yellows, making this strain an excellent cut-flower item. 40 in. Pkt. 25c.; large pkt. 75c.

**ROYAL VELVET.** All-America Winner. New, early-blooming, basal-branching Cockscomb type. Extra-large center head of rich ruby-red with velvety texture, surrounded by numerous erect branches mounted with medium-sized combs. Plants are 2 feet high, excellent for cutting. Pkt. 25c.; large pkt. 75c.

**Aurea.** Dwarf. Golden yellow. Small pkt. 10c.; large pkt. 50c.

**Giant Empress.** Dwarf. Rich crimson. Pkt. 10c.; large pkt. 50c.

**Choice Mixed.** Dwarf varieties. Pkt. 10c.; large pkt. 40c.; 1/4 oz. 85c.

## Chrysanthemum ANNUAL VARIETIES

Exquisitely colored, daisy-like flowers.

**Burridgeanum.** White, zoned scarlet and yellow. Pkt. 10c.; large pkt. 25c.; oz. 60c.

**Eastern Star.** Primrose, brown eye. Pkt. 10c.; large pkt. 25c.; oz. 60c.

**Evening Star.** Rich golden yellow. Pkt. 10c.; large pkt. 25c.; oz. 60c.

**Morning Star.** Canary-yellow. Pkt. 10c.; large pkt. 25c.; oz. 60c.

**Northern Star.** Giant white, yellow eye. Pkt. 10c.; large pkt. 25c.; oz. 60c.

**Purpleum.** Deep purple, yellow zone. Pkt. 10c.; large pkt. 25c.; oz. 60c.

**Single, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 60c.

## PERENNIAL CHRYSANTHEMUMS

**Shasta Daisy, Alaska.** Extra-large flowers of pure glistening white. 2 ft. Pkt. 10c.; large pkt. 40c.

**Shasta Daisy, Conqueror.** Giant, single, pure white flowers. Pkt. 10c.; large pkt. 40c.

**Shasta Daisy, New Giant Double White.** Novelty. Fine for cutting. Flowers extra large. Pkt. 25c.; large pkt. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES



Coreopsis lanceolata grandiflora

### Cheiranthus

★**Allioni.** Siberian Wallflower. A biennial, but best treated as an annual. Orange flowers. Pkt. 10c.; large pkt. 25c.

### Chinese Woolflower

Celosia Childsi

Very effective for beds and borders. Ball-shaped flowers, resembling silky wool. 2½ ft. **Crimson.** Pkt. 10c.; large pkt. 50c. **Pink.** Pkt. 10c.; large pkt. 50c.

### Cineraria

Most ornamental plants for conservatory or house decoration. Seed may be sown from May to September for a succession. Our strains cannot be surpassed.

#### CREMER'S PRIZE STRAIN

Wilt-Resistant

This excellent new strain is the result of a cross between Multiflora nana, Hybrida grandiflora, and Stellata. The flowers are larger than Multiflora. Plants very compact in habit, with small leaves. Choice mixed colors. Original large pkts. only, \$2.00 each.

#### MULTIFLORA GRANDIFLORA MAXIMA

Flowers measure 2 to 3 inches in diameter and produce 100 blooms and over to a plant. Mixed colors only. Pkt. 50c.; large pkt. 85c.

#### MULTIFLORA NANA

Berlin Market Strain

Very dwarf and compact. Flowers of large size, produced in great profusion and in a range of the best colors and shades. **Mixed Colors.** Pkt. 50c.; large pkt. 85c.

#### GRANDIFLORA PRIZE

**Medium Tall, Mixed.** Pkt. 35c.; large pkt. 85c.

#### WHITE-LEAVED CINERARIA

Dusty Miller

**Maritima candidissima.** Silvery green, lacinated foliage. Good for edging. Pkt. 10c.; large pkt. 25c.

### Clarkia elegans

A popular annual of easy culture and much used for cutting, both indoors and out.

**Double, Purple Prince.** Rich purple. Pkt. 10c.; large pkt. 30c.

**Double, Scarlet Queen.** Fiery scarlet. Pkt. 10c.; large pkt. 30c.

**Double, White.** Pkt. 10c.; large pkt. 30c.

**Double, Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

### Cleome • Spiderflower

**Pink Queen.** Silver Medal, All-America Selections. Masses of curious shaped flower-heads, rose-pink in color. For complete description see Novelties, page 23. Pkt. 25c.; large pkt. 75c.

### Cobaea scandens

Cup-and-Saucer Vine

Well-known climber of rapid growth, producing large, bell-shaped blossoms. In sowing, place the seeds edgewise and merely cover with light soil.

**Purple.** Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### Cockscomb

See Celosia, page 29.

### Coleus, Large-leaved Varieties

Popular bedding plants with beautifully colored foliage. Easily grown from seed.

**Choice Mixed.** Pkt. 25c.; large pkt. 75c.

### Convolvulus • Morning-Glory

Major or Tall Varieties

**Imperial.** Flowers of immense size and of a great variety of colors. Pkt. 10c.; oz. 25c.

### Coreopsis

One of our most popular perennials. The attractive flowers are borne in great profusion and are excellent for cutting.

**Lanceolata grandiflora.** Single golden yellow flowers of graceful form. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Lanceolata grandiflora fl.-pl.** Double-flowering Coreopsis. Similar in habit to the above. Flowers double and semi-double. Splendid for cutting. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Mayfield Giant.** Extra-large flowers. Plants tall and of vigorous growth. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

### Cosmos

One of the most beautiful and useful of hardy annuals, producing large, showy flowers in great profusion. Excellent for cutting.

**YELLOW FLARE.** Silver Medal, All-America Selections. Similar to the original Orange Flare, except in color, which is a very rich golden yellow. A striking plant for the garden, growing 3 to 4 feet tall. Pkt. 25c.; large pkt. 50c.; ¼oz. 75c.

#### SEMI-DOUBLE, ORANGE RUFFLES.

**New.** A semi-double form of the ever-popular Orange Flare. The extra two or three rows of petals add immensely to the butterfly-like beauty of the richly colored orange bloom. Plants are from ten days to two weeks earlier blooming than Orange Flare. Pkt. 25c.; large pkt. 50c.; ¼oz. 75c.

#### New Double Early Sensation, Mixed.

Flowers are equally as large as the regular single Sensation. Two types—fluted and crested. The crested type has a large 2-inch crested center and the fluted are so double they resemble a camellia. Available in mixture only of White, Pink, and Crimson. Pkt. 25c.; large pkt. 60c.

### DOUBLE EARLY-FLOWERING COSMOS

This new early-flowering strain will begin blooming in July and continue until frost.

**Crimson** **White** **Pink**

Pkt. 25c.; large pkt. 60c.

**Mixed.** Pkt. 25c.; large pkt. 50c.

### GIANT SINGLE SENSATION

A mammoth early-flowering variety, coming into bloom in about 10 weeks from time of sowing. Height 6 feet.

**Cardinal.** New crimson color.

**Pinkie.** Light pink.

**Purity.** Pure white.

Pkt. 15c.; large pkt. 50c.

**Mixed.** Pkt. 15c.; large pkt. 40c.; ½oz. 75c.

### SINGLE ORANGE FLARE

In full bloom in less than four months from sowing. Color, vivid orange. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### DOUBLE LATE-FLOWERING CRESTED

These are becoming more popular each season. Excellent for cutting.

**Mixed.** Pkt. 15c.; large pkt. 50c.

### SINGLE EARLY-FLOWERING

This early-flowering strain will commence blooming as early as July and will continue until frost. Flowers measure 3 inches across.

**Extra-Early Express Pink.** A dwarf variety 2 to 3 feet high. Medium-sized, bright pink flowers. Pkt. 15c.; large pkt. 30c.

**Extra-Early Express, Mixed.** Pkt. 15c.; large pkt. 25c.

### LARGE EARLY-FLOWERING

4 ft.

**Crimson** **Pink** **White**

Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 60c.

### SINGLE LATE-FLOWERING

Large flowers of perfect form on long stems and lasting until frost. 5 to 6 ft.

**Giant Crimson.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Giant Pink (Lady Lenox).** Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Giant White (White Lady).** Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Giant Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 60c.

ALL PRICES SUBJECT TO MARKET CHANGES



Cosmos, Yellow Flare



Delphinium, New Giant Pacific Hybrids

## Cuphea • Cigar Plant

★**Firefly.** *New.* The plants reach a height of 10 inches, and are completely covered with brilliant scarlet flowers. This is a tender annual, flowering from seed in 12 to 14 weeks, and continuing to bloom throughout the season. Pkt. 25c.; large pkt. 75c.

## Cyclamen

Beautiful winter plant for the window and greenhouse. The flowers are beautiful and the foliage is ornamental.

**Michell's Giant Show, Mixed.** Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers. All colors. Pkt. 40c.; 100 seeds \$2.00.

## Cynoglossum

Chinese Forget-me-not

**FIRMAMENT.** *All-America Winner.* New, dwarf, compact type, 15 inches tall. Color deep ultramarine-blue. Excellent as a cut-flower. Pkt. 25c.; large pkt. 40c.

**Amabile.** An annual of easy culture, producing sprays of intense blue, forget-me-not-like flowers which are very fragrant. 2 ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**AMABILE PINK.** Same as above. Flowers are rich deep pink. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## Cypress Vine

Ipomoea Quamoclit

**Mixed.** A very graceful, twining, annual climber, with delicate fernlike foliage. Seed should be soaked for a few hours in warm water before sowing. 15 ft. Pkt. 10c.; large pkt. 40c.; ¼ oz. \$1.00.

## Delphinium

Hardy Perennial Larkspur

One of the finest hardy perennials. Distinction and charm are added to your garden by Delphiniums. Their huge spikes form a perfect background for lower-grown plants and they are equally effective in beds, masses, or borders. They have a stateliness and beauty all their own.

**New Giant Pacific Hybrids.** This splendid new strain is, without doubt, the finest in existence. The spikes are strong and closely set, and the flowers are as large as a silver dollar. It is practically immune from mildew, and is proving a splendid variety for cut-flower purposes. We offer the originator's stock seed only.

**Black Knight Series.** Darkest of them all. Pkt. 50c.; large pkt. \$1.75.

**Blue Bird.** Medium blue, white bee. Pkt. 50c.; large pkt. \$1.75.

**Bluejay Series.** True blue. Pkt. 50c.; large pkt. \$1.75.

**Cameliard Series.** Pure lavender self tone with white bee. Pkt. 50c.; large pkt. \$1.75.

**Galahad Series.** Pure white. Pkt. 50c.; large pkt. \$1.75.

**Guinevere Series.** Light pink-lavender. Pkt. 50c.; large pkt. \$1.75.

**King Arthur Series.** Royal purple. Pkt. 50c.; large pkt. \$1.75.

**Round Table Series.** Various color combinations. Pkt. 50c.; large pkt. \$1.75.

**Summer Skies Series.** Clear light blue. Pkt. 50c.; large pkt. \$1.75.

**White Majesty.** Pkt. 50c.; large pkt. \$1.75.

**Dark Blue Shades.** Pkt. 50c.; large pkt. \$1.50.

**Light Blue Shades.** Pkt. 50c.; large pkt. \$1.50.

**Pastel Shades.** Pkt. 50c.; large pkt. \$1.50.

**Mixed.** Pkt. 50c.; large pkt. \$1.50.

**Blackmore & Langdon's Imported Strain, Mixed.** A selected English variety. Immense spikes of very large flowers. Choice mixture of colors. Pkt. 25c.; large pkt. 75c.

**English Hollyhock, Watkin Samuels' Wrexham Strain.** The finest large-flowered type to date. Immense spikes.

**Art Shades.** Pkt. 50c.; large pkt. \$1.00.

**Deep Blue Shades.** Pkt. 50c.; large pkt. \$1.00.

**Light Blue Shades.** Pkt. 50c.; large pkt. \$1.00.

**Selected Mixture.** Pkt. 50c.; large pkt. 75c.; ¼ oz. \$1.00.

**Belladonna, Improved.** One of the most continuous-blooming varieties. Immense spikes of clear turquoise-blue flowers. 5 ft. Pkt. 25c.; large pkt. 60c.

**Bellamosum, Improved.** A rich, deep blue form of the popular light blue Belladonna. Pkt. 25c.; large pkt. 60c.

**Cardinale.** Very large, scarlet flowers. 3 to 4 ft. (Seed of slow germination.) Pkt. 25c.; large pkt. 60c.

**Gold Medal Hybrids, Mixed.** Produces long spikes of large flowers. An extra-fine strain containing many shades of blue. Pkt. 10c.; large pkt. 50c.; oz. \$2.50.

## ANNUAL DELPHINIUMS

**Blue Butterfly.** An annual variety of an exquisite deep blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.75.

**Cambridge Blue.** Azure-blue. 3 feet. Pkt. 15c.; large pkt. 60c.; oz. \$2.50.

**Grandiflorum album.** An annual strain with sprays of pure white flowers. 3 ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

**Liberty Larkspur.** Dark blue. 3 feet. Pkt. 15c.; large pkt. 40c.; oz. \$1.75.

**Chinensis Finest Mixed.** 3 feet. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

ALL PRICES SUBJECT TO MARKET CHANGES

## Daisy, Dahlberg

A dwarf, compact edging plant, producing a profusion of small golden yellow flowers continuously from late spring until frozen in the fall. Height 8 inches. Small pkt. 25c.; large pkt. 75c.

## Dahlias from Seed

There is no more fascinating flower to raise from seed than the Dahlia.

### SINGLE-FLOWERING

**Coltness Hybrids, Mixed.** Choice mixed colors. Pkt. 25c.; large pkt. 50c.

**Giant Perfection, Mixed.** Immense, single flowers of various colors and shades. Pkt. 10c.; large pkt. 40c.

### DOUBLE-FLOWERING

**California Giants, Mixed.** A selection from named varieties, grown by a celebrated producer in California. Pkt. 50c.; large pkt. \$1.00.

**Large-flowering, Mixed.** (Show Type.) Extra fine. Pkt. 10c.; large pkt. 75c.

**Unwin's Dwarf Hybrids, Mixed.** Miniature, early-flowering, semi-double hybrids, 1½ to 2 feet high, in a wide range of colors. Pkt. 25c.; large pkt. 75c.

## Didiscus

**Caerulea.** Blue Lace Flower. Improved strain. An easily grown annual which is becoming very popular. The plant grows about 1½ feet high and produces attractive, umbel-shaped flowers of lacelike appearance. Delicate azure-blue. Excellent for cutting. Pkt. 10c.; large pkt. 30c.

## Digitalis • Foxglove

Ornamental hardy plants, succeeding almost anywhere. Long spikes of beautiful, tubular-shaped flowers. 4 to 5 ft.

**Giant Shirley, Mixed.** An excellent giant strain, growing 3 to 5 feet high, with enormous spiked flowers. Pkt. 10c.; large pkt. 40c.

**Gloxiniæflora, Pink.** Pkt. 10c.; large pkt. 40c.

**Gloxiniæflora, Purple.** Pkt. 10c.; large pkt. 40c.

**Gloxiniæflora, Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$2.00.



Digitalis (Foxglove)



Dianthus, Double Fringed Mixed

## Dianthus • Pinks

Easily raised from seed. Flower abundantly and continuously until frost.

### SWEET WIVELSFIELD

This annual is a hybrid. Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer in a great variation of colors. Pkt. 15c.; large pkt. 30c.

### DOUBLE ANNUAL

- Lucifer.** Brilliant orange-scarlet. Small pkt. 10c.; large pkt. 30c.; oz. \$1.25.
- Pink Beauty.** Pure pink. Small pkt. 10c.; large pkt. 30c.; oz. \$1.25.
- Snow Ball.** Large; pure white. Small pkt. 10c.; large pkt. 30c.; oz. \$1.25.
- Chinensis, Mixed.** China or India Pink. Pkt. 10c.; large pkt. 25c.; oz. 85c.
- Fringed, Mixed.** Large flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.
- Mixed.** Choice colors. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

### SINGLE ANNUAL

- Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### HARDY GARDEN PINKS

- Allwoodi alpinus.** A perfect gem for the rock-garden. Choice colors. 4 to 6 in. Pkt. 25c.; large pkt. 75c.
- ★Cæsius.** Cheddar Pink. Produces masses of pink flowers. Fine for rockeries. Pkt. 10c.; large pkt. 50c.
- Clove-scented, Mixed.** Double and semi-double varieties in beautiful colors; fragrant. Pkt. 10c.; large pkt. 50c.
- ★Deltoides, Brilliant.** Maiden Pink. Dwarf; brilliant carmine. Pkt. 15c.; large pkt. 50c.
- Double Scotch, Mixed.** Choice colors. Pkt. 10c.; large pkt. 50c.
- Latifolius atrococcineus fl.-pl.** Ever-blooming Hybrid Sweet William. Free flowering; velvety crimson-scarlet; double. Pkt. 10c.; large pkt. 30c.
- Loveliness.** New. An exquisite, single, mauve-pink sort, with delightful fragrance. Pkt. 25c.; large pkt. 75c.
- Pheasant's Eye, Mixed.** Single fringed flowers. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.
- ★Plumarius, Cyclops.** Single Perpetual Grass Pink. Assorted colors with blood-red eye. Pkt. 15c.; large pkt. 40c.
- ★Rock-Garden Species.** A special mixture of 25 rare varieties well adapted for rock-gardens. Pkt. 25c.; large pkt. 75c.

## Dictamnus • Gas Plant

- Fraxinella.** Showy, bushy perennials, 2½ feet high. Purple-red flowers. June, July. Pkt. 10c.; large pkt. 50c.

## Dimorphotheca

**Aurantiaca.** African Orange Daisy. Bushy plants with orange-gold, daisy-like blooms on long stems. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Aurantiaca Hybrids, Mixed.** A fine mixture of colors and shades. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

## Dolichos • Hyacinth Bean

**Lablab, Mixed.** Rapid-growing annual climber bearing a profusion of purple or white bean-like flowers. Excellent for arbors, trellises, etc. Pkt. 10c.; oz. 40c.

## Dracaena

Ornamental plants for vases or conservatory decoration.

**Australis.** Broad green leaves. Pkt. 10c.; large pkt. 30c.

**Indivisa.** Narrow green leaves. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Dusty Miller

See Centaurea and Cineraria, pages 29, 30.

## Echinocystis • Wild Cucumber Vine

**Lobata.** One of the quickest-growing vines. Excellent for covering trellises, fences, etc. Pkt. 10c.; oz. 30c.

## Everlasting Flowers

These should be grown in every garden, not only for summer blooming, but also as dried cut-flowers for winter decoration.

### ACROCLINIUM

Showy, free-flowering annual plants. Excellent for cutting. 1 ft.

**Sensation Giants.** New. An improved strain that grows 6 to 8 inches taller. Each flower is full double and will average 3 inches across. The colors range from medium rose to light pink shades. Pkt. 25c.; large pkt. 60c.

**Double, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### GOMPHRENA, GLOBE AMARANTH

Also called "Bachelor's Buttons." A showy annual Everlasting.

**Globosa.** Tall. Red-purple. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

**Mixed.** All colors. 2 ft. Pkt. 10c.; large pkt. 25c.

## HELICHRYSUM MONSTROSUM STRAWFLOWER

One of the best and most popular of the Everlastings. Large, double blooms. 2 ft.

**Buttercup Yellow.** Canary-yellow. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Fireball.** Crimson. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Golden Ball.** Golden yellow. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Rose-Carmine.** Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Rose Queen.** Immense flowers of a rich deep rose. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Salmon-Pink.** Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Silver Ball.** White. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Violet.** Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

**Choice Mixed.** Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

## Echium

**Blue Bedder.** Deep bright blue bell-flowers, very compact. Annual plants that thrive well in poor soil. 1 to 1½ ft. Pkt. 10c.; large pkt. 25c.

## Eschscholtzia • California Poppy

An elegant, hardy annual with fine-cut foliage and large, Poppy-like flowers from June until frost. Fine for borders or large beds. 1 ft.

**Californica.** Pure yellow. Pkt. 10c.; large pkt. 25c.; oz. 60c.

**Carmine King.** Deep carmine. Pkt. 10c.; large pkt. 30c.; oz. 90c.

**Golden West.** Large golden yellow flowers. Pkt. 10c.; large pkt. 25c.; oz. 60c.

**Mandarin.** Inside petals orange, outside petals scarlet. Pkt. 10c.; large pkt. 30c.; oz. 90c.

**Vesuvius.** Rich wallflower or coppery red. Pkt. 10c.; large pkt. 25c.; oz. 60c.

**White.** Pkt. 10c.; large pkt. 25c.; oz. 60c.

**Choice Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 50c.

## Euphorbia

Annual plants suitable for beds of tall-growing plants or mixed borders. Showy ornamental foliage. 2 to 3 ft.

**Heterophylla.** Mexican Fire-Plant. Glossy green leaves turning to orange-scarlet in midseason. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Variegata.** Snow-on-the-Mountain. Foliage veined and margined with white. Pkt. 10c.; large pkt. 25c.; oz. 75c.

### Evening Primrose

See Oenothera, page 37.

### FEVERFEW

See Matricaria, page 35.

### FLOWERING TOBACCO

See Nicotiana, page 35.

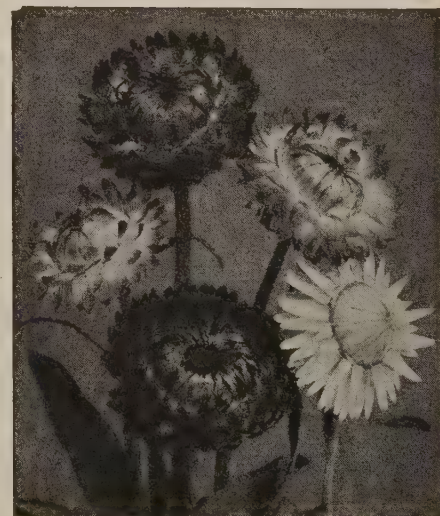
### FOUR O'CLOCK

See Marvel of Peru, page 35.

### FOXGLOVE

See Digitalis, page 31.

ALL PRICES SUBJECT TO MARKET CHANGES



Helichrysum (Strawflower)



Gaillardia, Indian Chief

## Gaillardia • Blanket Flower

### ANNUAL VARIETIES

Lovely showy annuals for beds or borders. Excellent for cutting. Blooms continuously from early summer until November. 15 to 18 in.

**Indian Chief.** Single; brilliant bronzy red. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Double Annual, Mixed** (*G. picta Lorenziana*). Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Single Annual, Mixed** (*G. picta*). Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### PERENNIAL VARIETIES

One of the most showy hardy perennials, blooming the first year from seed if sown early. 2 ft.

**★Grandiflora, Monarch Strain.** Giant flowers in an exquisite mixture. Pkt. 15c.; large pkt. 50c.

**Grandiflora, Goblin.** A new, dwarf, compact variety especially suited for the rock-garden. The plants attain a height of 12 to 15 inches and are covered with large, showy, deep red flowers. Pkt. 25c.; large pkt. 75c.

**Grandiflora, Portola Hybrids.** Flowers of immense size, ranging through shades of bronzy red with golden-tipped petals. Pkt. 15c.; large pkt. 50c.

**Grandiflora, Tangerine.** Giant orange flowers, overlaid with red. Pkt. 25c.; large pkt. 50c.

**Grandiflora superba, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Geranium

**Pelargonium.** Martha Washington Geranium. Choice mixture. Pkt. 25c.; 100 seeds, \$4.00.

**Zonale, Mixed.** A superb strain of the largest and finest varieties. 1 to 2 ft. Pkt. 10c.; large pkt. 75c.

## Geum

Beautiful, hardy perennials bearing large, showy, double flowers all through the summer. Fine for bouquets. 1½ ft.

**Lady Stratheden.** Golden yellow. Pkt. 25c.; large pkt. 60c.

**Mrs. Bradshaw.** Brilliant scarlet. Pkt. 15c.; large pkt. 60c.

**Prince of Orange.** True orange shade; large flowers. Pkt. 25c.; large pkt. 75c.

## Gerbera • Transvaal Daisy

**Jamesoni Hybrids, Mixed.** Excellent greenhouse perennials with large, fine-leaved, daisy-like flowers. These hybrids include a wonderful range of brilliant colors and shades. Pkt. 25c.; 100 seeds, 75c.

## Gilia

**Capitata.** A very graceful annual, growing about 2 feet high. Lavender-blue flowers. Excellent for cutting. Pkt. 10c.; large pkt. 25c.; oz. 75c.

### Globe Amaranth

See Gomphrena, page 32

## Godetia • Satin Flower

Beautiful and easily grown annuals producing a profusion of flowers of satiny texture.

### SINGLE VARIETIES

**Duke of York.** Rich scarlet and white. 16 in. Small pkt. 10c.; large pkt. 30c.; ¼ oz. 75c.

**Kelvedon Glory.** Deep, glowing salmon-orange. 16 in. Small pkt. 10c.; large pkt. 30c.; ¼ oz. 75c.

**Ruby.** Rich ruby-red. 12 in. Ideal for borders. Small pkt. 10c.; large pkt. 30c.; ¼ oz. 75c.

**Sybil Sherwood.** Bright salmon-pink. 16 in. Small pkt. 10c.; large pkt. 30c.; ¼ oz. 75c.

**White Swan.** Pure satin-white. 16 in. Small pkt. 10c.; large pkt. 30c.; ¼ oz. 75c.

**Exquisite Mixed.** Small pkt. 10c.; large pkt. 30c.; ¼ oz. 75c.

### Gomphrena, Globe Amaranth

See Everlastings, page 32.

## Gypsophila • Baby's Breath

Pretty, free-flowering plants of easy culture. Excellent for cutting to mix with other flowers. 2 ft.

**Elegans alba grandiflora.** True Paris Market Strain. A fine annual variety. Delicate sprays of pure white flowers. Pkt. 10c.; oz. 30c.; ¼ lb. 75c.

**Elegans carminea.** Bright carmine-rose. Pkt. 10c.; oz. 75c.

**Oldhamiana.** Hardy type. Bright pink, fragrant flowers. Pkt. 10c.; large pkt. 50c.

**Paniculata.** Hardy perennial variety with white flowers in graceful sprays. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Paniculata fl.-pl.** Perennial, with a profusion of double white flowers coming 30 to 40 per cent true. Pkt. 20c.; large pkt. 75c.

**★Repens.** A pretty dwarf, trailing perennial plant for the rockery. Tiny white flowers. Pkt. 10c.; large pkt. 50c.

**★Repens rosea.** Pinkish white flowers. Pkt. 10c.; large pkt. 50c.

### Hardy Sweet Peas

See Lathyrus, page 34.

## Gourd, Ornamental

Rapid-growing, interesting annual climbers with ornamental foliage and singular-shaped fruit. 15 to 20 ft.

**GREEN SNAKE.** A new strain of the Luffa or Dishcloth. The fruits will grow to a length of over 10 feet if the vines are twined on a lofty trellis. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Large Sorts, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Small Sorts, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Grevillea • Silk Oak

**Robusta.** A beautiful and graceful decorative plant with fernlike foliage. Excellent for table decoration. Pkt. 10c.; large pkt. 40c.; oz. \$1.75.

### Helianthus

See Sunflower, page 42.

### Helichrysum

See Everlastings, page 32.

## Heliotrope

A well-known and highly prized plant because of the delightful fragrance of the flowers. Fine for pots or bedding. 1½ ft.

**Light Blue Shades.** Pkt. 15c.; large pkt. 75c.

**Dark Blue Shades.** Pkt. 15c.; large pkt. 75c.

**Choice Mixed.** Pkt. 10c.; large pkt. 60c.

## Heteropappus • Blue Daisy

**Hispidus.** *New.* A fine annual of compact growth, with daisy-like flowers, 1 to 1½ inches across, in shades of lavender and azure-blue, with yellow centers. Very free flowering. Desirable for cutting. Pkt. 25c.; large pkt. 75c.

## Heuchera

**Sanguinea splendens.** Coral-Bells. Perennial. Bright vermilion blooms. Excellent for cutting. 30 in. Pkt. 15c.; large pkt. 75c.

**Sanguinea hybrida, Choice Mixed.** Identical to above, except in a mixture of shades. Pkt. 15c.; large pkt. 75c.

## Hibiscus • Marshmallow

A very showy perennial, growing 4 feet high. Flowers of enormous size, often 10 to 12 inches in diameter.

**Giant Choice Mixed.....** Pkt. \$0 10 Large \$0 30

## Honesty • Lunaria; Moonwort

**Biennis alba.** Hardy biennial admired for its silvery seed-pods. Beautiful and curious. 2 ft. Pkt. 10c.; large pkt. 60c.



Gypsophila (Baby's Breath)

ALL PRICES SUBJECT TO MARKET CHANGES

# Sow Larkspurs for a brilliant display and desirable cut-flowers

## Hunnemannia

### Giant Yellow Tulip Poppy

Seed sown outdoors in May produces large quantities of giant, Tulip-like flowers during latter part of July and continuing for the rest of the season. 1 ft.

**Fumariæfolia.** Giant yellow variety. Pkt. 10c.; large pkt. 25c.; oz. 85c.

**Sunlite.** All-America Winner. Semi-double; bright canary-yellow. Gray-green foliage. Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

## Ipomoea

**PEARLY GATES.** Silver Medal, All-America Selections. For description see Novelties, page 23. Pkt. 15c.; large pkt. 60c.; ¼ oz. 85c.

**SCARLETT O'HARA.** All-America Winner. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet. Its first flowers will begin to appear in about sixty-five days from seed and remain open all day even in the warmest weather. Pkt. 15c.; large pkt. 50c.; ¼ oz. 75c.

**Clarke's New Early Improved Heavenly Blue Morning-Glory.** Bright blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

**Noctiflora.** Moonflower. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt. 10c.; large pkt. 25c.; oz. 60c.

## Kochia - Summer Cypress

**Childs.** An easily grown annual which forms a cypress-like hedge with feathery green foliage that turns to a deep red color. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Lantana hybrida, Choice Mixed

An easy-to-grow annual bedding plant, bearing in great profusion verbena-like flower-heads in white, rose, orange, scarlet. 2 ft. Pkt. 10c.; large pkt. 40c.

## Lavender - Lavandula vera

Well-known hardy perennial, bearing long spikes of fragrant blue flowers. 1½ ft. Pkt. 10c.; large pkt. 50c.



Lantana

## Larkspur, Annual

Plants are of easy culture. Seed sown early in spring will produce blooming plants by July. Fernlike foliage and slender spikes with double rosette flowers. Fine for cutting or garden decoration.

### GIANT IMPERIAL

Identical in branching habit with Giant Imperial Stock. Very double flower; strong growth.

**Blue Bell.** Clear light blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Blue Spire.** An intense deep Oxford-blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Carmine King.** Rich carmine. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Coral King.** Blush-pink. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Daintiness.** Delicate pale lavender. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Exquisite Rose.** A beautiful shade of rose-pink. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Gloria.** Fine deep rose. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**LILAC KING.** New. A true lilac shade. We believe this to be the best color in this ever-popular Giant Imperial Larkspur. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Lilac Queen.** Rich lilac, shading lavender-blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Lilac Spire.** Bright lilac. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Los Angeles.** Rich salmon overlaid with brilliant rose. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Miss California.** Pale shaded salmon. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**PINK KING.** New. Soft warm salmon-rose. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Pink Perfection.** Lively shade of light pink; large florets. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Sweet Lavender.** Light lavender-blue. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**WHITE KING.** All-America Winner. Giant, pure white flowers on long spikes. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**White Spire.** A dazzling pure white. Pkt. 15c.; large pkt. 40c.; oz. \$1.60.

**Choice Mixed.** Pkt. 15c.; large pkt. 30c.; oz. \$1.25.

### COCKADE

A new improved strain of base-branching Giant Imperial type; symmetrical plant with longer spikes.

**Blue Cockade.** A rich lilac-blue. Pkt. 20c.; large pkt. 50c.

**Rose Cockade.** Salmon-rose. Pkt. 20c.; large pkt. 50c.

**Sapphire Cockade.** Deep lilac. Pkt. 20c.; large pkt. 50c.

**White Cockade.** Pure white. Pkt. 20c.; large pkt. 50c.

**Mixed.** Pkt. 20c.; large pkt. 50c.

### TALL DOUBLE STOCK-FLOWERED

Plants branch freely, bearing long spikes of beautiful double flowers. 2½ ft.

**Dark Blue.** Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Exquisite Pink.** An extra-fine variety with blooms of a beautiful soft pink shade. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Lilac.** Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Lustrous Carmine.** Newport pink. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Shell-Pink.** Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Sky-Blue.** Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**White.** Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. 90c.

### Larkspur, Perennial

See Delphinium, page 31.



Hollyhock, Chater's

## Hollyhock

Succeeds best in rich, well-drained soil. Seed sown any time before midsummer will produce fine plants for blooming the following summer. 6 to 7 ft.

**Triumph, Mixed.** New. An excellent type of branching habit, 4 to 5 feet high, and flowering 10 days earlier than the regular type. Pkt. 25c.; large pkt. 60c.

**Chater's Double Maroon.** Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double Newport Pink.** Pure pink. Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double Pink.** Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double Red.** Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double Salmon.** Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double White.** Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double Yellow.** Pkt. 10c.; large pkt. 50c.; oz. \$2.00.

**Chater's Double Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$1.50.

### ANNUAL EVERBLOOMING HOLLYHOCK

While these are also hardy perennial varieties, if seed is sown in the house in March or April, they will bloom the first season.

**Double Everblooming, Mixed.** Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### SINGLE HOLLYHOCK

**Mixed Colors.** Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Lathyrus latifolius

### Everlasting or Perennial Pea

Showy, hardy perennial climber for covering walls, stumps, fences, etc. 6 to 8 ft.

**Crimson.** Brilliant. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Pink Beauty.** Bright rosy pink. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**White.** Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

**Choice Mixed.** All colors. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## Leptosyne

One of the quickest-growing annuals, blooming in 5 weeks after sowing the seed.  
**Maritima.** Large, lemon-yellow, Marguerite-like flowers. 3 ft. Pkt. 10c.; large pkt. 30c.

## Liatris • Blazing Star

**Pycnostachya.** A showy hardy perennial border plant with long spikes of violet-purple flowers. 4 ft. Pkt. 15c.; large pkt. 60c.

**Scariosa.** An improved strain, with larger flowers and more spreading habit than the above. Color, clear rose-purple. Pkt. 15c.; large pkt. 75c.

## Lilium • Lily

**Philippinense formosanum, White Swan.** A new, giant, snow-white, early-flowering Lily of the Philippinense formosanum type. This strain bears larger flowers than any other type, and will bloom in approximately 8 months from seed. Pkt. 25c.; large pkt. \$1.00.

**Philippinense formosanum.** Resembles an Easter Lily. Will bloom in 6 to 8 months from time seed is sown. 3 ft. Pkt. 15c.; large pkt. 60c.

**Regale.** Perfectly hardy and also excellent for forcing. Flowers waxy white; fragrant. Pkt. 15c.; large pkt. 30c.

## Linaria • Toadflax

**Fairy Bouquet, Mixed.** Dwarf; large flowering. Choice mixture. Fine for bedding. Pkt. 10c.; large pkt. 40c.

**Maroccana Hybrids, Mixed.** A very showy annual. 1 ft. Pkt. 10c.; large pkt. 25c.

## Linum • Flax

**Grandiflorum rubrum.** Annual. Large-flowered scarlet Flax. 16 in. Pkt. 10c.; large pkt. 25c.

**Perenne.** Hardy perennial variety with bright blue flowers. 1½ ft. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Lobelia

No garden is complete without an edging of blue Lobelia.

**Cambridge Blue, Sutton's.** New. Large, light blue flowers. Dwarf, compact growth. Pkt. 25c.; large pkt. 75c.

**Crystal Palace Compacta.** Very compact. Deep blue. The best for edging. Pkt. 10c.; large pkt. 60c.

**Crystal Palace Speciosa.** Of trailing habit. Deep ultramarine-blue. Fine for vases. Pkt. 10c.; large pkt. 40c.

**Michell's Blue Stone.** An excellent dwarf variety of compact growth. Plants are completely covered with large, bright blue flowers. Fine for borders or boxes. Pkt. 20c.; large pkt. 75c.

**Mrs. Clibran.** Dwarf type. Flowers deep blue with clear white eyes. Excellent for borders. Pkt. 20c.; large pkt. 75c.

**Sapphire.** A beautiful trailing variety of strong growth. The flowers are unusually large; deep blue, with large, clearly defined white eye. Pkt. 20c.; large pkt. 75c.

**Mixed.** All colors. Pkt. 10c.; large pkt. 40c.

**Cardinalis.** Cardinal Flower. Hardy perennial, with long spikes of cardinal-red flowers. Pkt. 10c.; large pkt. 75c.

## Lupinus • Lupin

### Annual Varieties

#### NEW HARTWEGI GIANTS or KING

A new and improved strain that grows from 3 to 4 feet high, with the base-branching habit. Each plant produces from 4 to 6 spikes of bloom.

**King Blue.** Enormous spikes of rich Oxford-blue color. Pkt. 15c.; large pkt. 30c.

**King Sky-Blue.** Clear light blue. Pkt. 15c.; large pkt. 30c.

**King White.** Glistening pure white. Giant spikes. Pkt. 15c.; large pkt. 30c.

**Choice Mixture.** Pkt. 10c.; large pkt. 30c.

**Rich Blue** **White**  
**Pink** **Mixed.** All colors  
**Sky-Blue**

Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Lupinus polyphyllus

### PERENNIAL VARIETIES

Hardy perennials of easy culture. Graceful spikes of pea-shaped flowers, fine for cutting. May, June. 2 to 3 ft.

**Russell.** A great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never seen in Lupins before. The florets are large, with flat, fanlike standards and, unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$1.25.

**Blue.** Pkt. 10c.; large pkt. 30c.

**Roseus.** Pink. Pkt. 10c.; large pkt. 30c.

**White.** Pkt. 10c.; large pkt. 30c.

**Mixed.** Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**New Hybrids, Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

## Lychnis

Elegant hardy perennials of easy culture, for massing in large beds or borders.

**Chalcedonica.** Rose Campion. Fine, scarlet, crosslike flowers. July. 2 ft. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

## Marvel of Peru • Four o'clock

**Choice Mixed.** Free-flowering garden favorites. 2 ft. Pkt. 10c.; oz. 60c.

## Matricaria • Feverfew

**BALL STRAIN.** A fine pure white, full double, with long stems. Fine for outdoors. Pkt. 15c.; large pkt. 50c.

**Double White.** Hardy annual, for bedding or pot culture. White flowers. 1½ ft. Pkt. 10c.; large pkt. 40c.; oz. \$1.25.

**Golden Ball.** Perennial. Bright yellow flowers. Pkt. 10c.; large pkt. 60c.

## Matthiola

**Bicornis.** Evening-Scented Stock. A desirable annual on account of its fragrance during the evening. Lilac blooms. Pkt. 10c.; large pkt. 25c.; oz. 75c.

## Mignonette

No garden is complete without this fragrant flower.

**Machet.** Large, sweet-scented flowers. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

**New York Market.** A selected strain. Pkt. 15c.; large pkt. 75c.

**Sweet-scented.** The popular garden sort. Pkt. 10c.; oz. 30c.

## Morning-Glory

See Ipomœa, page 34, and Convolvulus, page 30.

**Ipomœa, Pearly Gates.** Silver Medal, All-America Selections. For complete description see Novelties, page 23. Pkt. 15c.; large pkt. 60c.; ¼ oz. 85c.

**Clarke's New Early Improved Heavenly Blue.** The well-known and popular bright blue Morning-Glory. Pkt. 15c.; large pkt. 40c.; oz. \$1.00.

**SCARLETT O'HARA.** All-America Winner. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet. They remain open all day, even in warm weather. Pkt. 15c.; large pkt. 50c.; ¼ oz. 75c.

### PATRIOTIC COLLECTION

One pkt. each above 3 varieties, 40c.  
One large pkt. each, \$1.25

## Nemophila

**Insignis, Blue.** A pretty annual growing about 8 inches high, with light blue flowers. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

## Nicotiana • Flowering Tobacco

Showy annual plants, giving a continuous display of brilliant flowers. 2 to 3 ft.

**Affinis.** Fragrant, tubular, pure white flowers. Pkt. 10c.; large pkt. 25c.

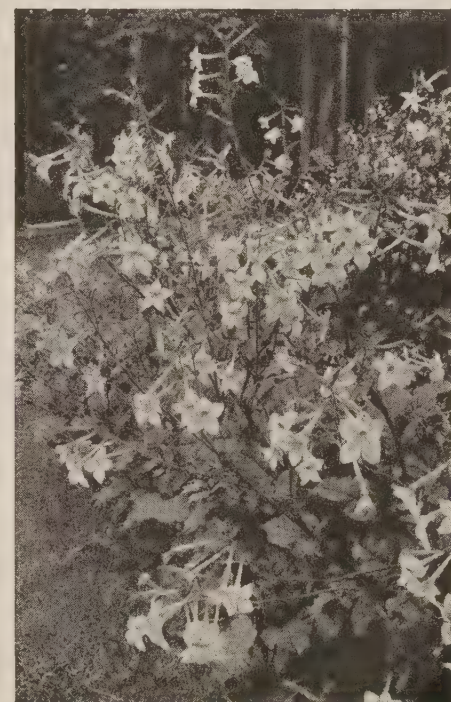
**Affinis Hybrids, Mixed.** Large, sweet-scented flowers in a variety of colors. Pkt. 10c.; large pkt. 25c.

**Crimson Bedder.** Rich deep crimson. Dwarf. Pkt. 15c.; large pkt. 40c.

## Nierembergia

**PURPLE ROBE.** Bronze Medal, All-America Selections. Deep violet-blue. For complete description see Novelties, page 23. Pkt. 25c.; large pkt. 75c.

★**Hippomanica.** Dwarf Cup Flower. New. Small, cuplike flowers of a lovely lavender-blue shade, with a touch of yellow in the center. Plants 5 to 6 inches tall, with 8 to 10-inch spread, and commence to flower in 15 weeks. Pkt. 25c.; large pkt. 75c.



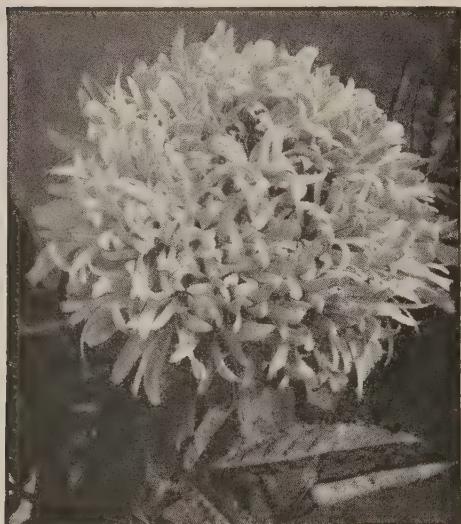
Nicotiana affinis

ALL PRICES SUBJECT TO MARKET CHANGES

# MARIGOLD • Tagetes

THE GOLD OF THE MARIGOLD FOR CHEER

These are old, favorite, free-flowering annuals with rich, showy flowers all summer. The Tall African varieties are well adapted for large beds or mixed borders, while the Dwarf French varieties are better suited for bedding purposes.



Marigold, Goldsmith

## TALL AFRICAN

Tall-growing, from 2½ to 4 feet high.

### MISSION GIANTS, YELLOWSTONE.

Honorable Mention, All-America Selections. Clear yellow. For complete description see Novelties, page 23. Pkt. 25c.; large pkt. 60c.

### GIANT CHRYSANTHEMUM-FLOW-ERED, GOLDSMITH.

Bronze Medal, All-America Selections. Plants grow 3 to 4 feet high, are very vigorous and base-branching, producing from 8 to 12 stems of large golden orange blooms. Pkt. 25c.; large pkt. 60c.

### MICHELL'S EARLY GOLDEN JUBILEE.

Exclusive Introduction. Large, double, chrysanthemum-like flowers in shades of golden yellow, orange, and light yellow. 3½ to 4 feet tall. Pkt. 25c.; large pkt. 60c.

### NEW GIANT CHRYSANTHEMUM-FLOW-ERED HYBRIDS.

These hybrids consist of many new and distinct types, varying in size of blooms from 2 to 4 inches in diameter. Colors range in all shades of orange and yellow. Plants are about 3 feet high. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

### Gigantea, Orange Sunset.

Flowers are unquestionably the largest Marigolds to date. Rich orange. Pkt. 25c.; large pkt. 50c.

### GIGANTEA, SUNSET GIANTS.

Exceptionally free flowering and lacks the usual Marigold odor. Mixed colors. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

### Alldouble Orange.

(Originator's stock.) This new variety will produce a large percentage of double flowers of a bright orange shade. Pkt. 15c.; large pkt. 50c.

### Alldouble Lemon.

(Originator's stock.) Fine clear yellow, all-double flowers. Pkt. 15c.; large pkt. 50c.

### Giant Golden Emblem.

Very large lemon-gold flowers 4 to 5 inches in diameter. Pkt. 15c.; large pkt. 50c.

### Golden Eagle.

Carnation-flowered; golden yellow. Excellent for cutting. Pkt. 10c.; large pkt. 50c.

### Guinea Gold.

The flowers come 100 per cent double and semi-double. Clear orange, flushed gold. Pkt. 10c.; large pkt. 50c.

ALL PRICES SUBJECT TO MARKET CHANGES

### Lemon Queen.

Soft lemon-yellow. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### Orange Prince.

Large flowers of a deep golden orange color. Very showy. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### Sunrise.

An early-blooming form of Dixie Sunshine. The color is a rich brilliant golden yellow. Pkt. 15c.; large pkt. 50c.

### Yellow Supreme.

Broad, loose, frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color. 2 ft. Pkt. 15c.; large pkt. 50c.

### Large African, Mixed.

Tall; double. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## DWARF AFRICAN

### DWARF GIGANTEA, POT O'GOLD.

New. Well-branched, dwarf, compact, growing 12 inches tall. Flowers are a bright deep golden orange, measuring 4 to 4½ inches across. Pkt. 25c.; large pkt. 50c.

### LITTLE GIANTS, MIXED.

The plants are compact and covered with blossoms. Pkt. 15c.; large pkt. 60c.; ¼oz. \$1.00.

## DOUBLE FRENCH

### DWARF FRENCH HARMONY TYPE, BUTTERBALL.

Bronze Medal, All-America Selections. Most attractive, very compact, scabious-flowered, canary-yellow. Grows 6 to 10 inches tall, uniform; very early flowering. Pkt. 25c.; large pkt. 50c.

### DWARF CHRYSANTHEMUM-FLOW-ERED, GOLDEN BEDDER.

Bronze Medal, All-America Selections. Bright golden orange. One of the earliest of all Marigolds. Symmetrical mounds of golden orange flowers of interesting form. Pkt. 25c.; large pkt. 50c.

### DWARF DOUBLE FRENCH, MELODY.

Bronze Medal, All-America Selections. Golden yellow. Harmony-type flowers. For complete description see Novelties, page 23. Pkt. 25c.; large pkt. 50c.

### DWARF, SCARLET GLOW.

Honorable Mention, All-America Selections. A distinct new bronzy red color. Compact, bushy growth of about 1 foot, flowers are 1¾ to 2 inches across. The largest and brightest double red French sort. Pkt. 25c.; large pkt. 50c.

### DWARF, SPRY.

Silver Medal, All-America Selections. Extra dwarf, double French-type Marigold; very compact and uniform habit, about 9 inches tall, with very light orange crested center and maroon outer petals. Pkt. 25c.; large pkt. 50c.

### DWARF, HARMONY HYBRIDS.

The plants grow 12 to 14 inches high. Flowers are of medium size and the color range includes innumerable combinations of the popular Harmony Marigold. Pkt. 25c.; large pkt. 50c.

### HARMONY TYPE, DWARF, SPOT-LIGHT.

Scabiosa-like flowers with crested centers of dainty tubular petals in a bright yellow shade which contrasts with the velvety dark mahogany-red guard petals. Pkt. 25c.; large pkt. 50c.

### SCABIOSA-FLOW-ERED, GOLDEN HARMONY.

New. A solid bright golden yellow with the same color guard petals. Pkt. 25c.; large pkt. 50c.

### HARMONY.

Very double flowers of deep orange with maroon collar. Free flowering. Fine for borders. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.

### DWARF ALDDOUBLE, ROYAL SCOT.

Every plant of uniform shape and height (10 to 12 inches). Color, rich mahogany and gold, in uniform stripes. Pkt. 25c.; large pkt. 40c.; ¼oz. 75c.

### Dwarf Gold-striped.

Double; brownish red, striped golden yellow. 1 ft. Pkt. 10c.; large pkt. 25c.; oz. 85c.

### Golden Ball.

Very compact. Flowers large, golden yellow. Pkt. 10c.; large pkt. 25c.; oz. 85c.

### Lemon Ball.

Pale sulphur-yellow. Plants very compact. Pkt. 10c.; large pkt. 25c.; oz. 85c.

### Mahogany.

Rich mahogany-brown. Pkt. 10c.; large pkt. 25c.; oz. 85c.

### Robert Beist.

Very large, dark maroon flowers. Pkt. 10c.; large pkt. 25c.; oz. 85c.

### DWARF, YELLOW PYGMY.

Light lemon-yellow. Grows 8 inches high. Free flowering. Pkt. 15c.; large pkt. 30c.; oz. \$1.75.

### Dwarf Double French, Mixed.

1 ft. Pkt. 10c.; large pkt. 25c.; oz. 85c.

## SINGLE FRENCH DWARF VARIETIES

### FLASH, DWARF FRENCH, SINGLE.

New Bronze Medal, All-America Selections. The large single flowers are a brilliant tangerine and marigold-brown. As the flowers age they turn to golden orange. Plants are compact, bushy, and free blooming, making this variety excellent for cutting borders. When planted in a bed they make a brilliant showing. Pkt. 25c.; large pkt. 75c.; ¼oz. \$1.25.

### Legion of Honor (Little Brownie).

Single golden yellow, velvety flowers with a large spot of crimson. Early flowering. 9 in. Pkt. 10c.; large pkt. 25c.; oz. 85c.

### Signata pumila (Tagetes).

Golden yellow. Excellent for edging. 10 in. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.



Marigold, Scarlet Glow

## TALL DOUBLE FRENCH MARIGOLDS

**Mixed.** Pkt. 10c.; large pkt. 25c.; oz. 90c.

## SINGLE FRENCH TALL VARIETIES

**FLAMING FIRE.** Flaming red and yellow. Fine cut-flowers. Pkt. 10c.; large pkt. 30c.

**Tall French, Australian Giant or Tree.** Very late flowering, with masses of brownish yellow flowers. Excellent for cutting. 5 ft. Pkt. 15c.; large pkt. 40c.

**Tall Single French, Josephine.** Dark brown with gold edges. Pkt. 10c.; large pkt. 25c.; oz. \$1.25.

## COLLARETTE

**Crown of Gold.** Orange flowers, having crested centers, with broad guard petals. Odorless foliage. Pkt. 15c.; large pkt. 40c.; ¼ oz. 75c.

## LIEB'S WINTER-FLOWERING

A fine forcing variety. Color mahogany-brown, golden yellow crested center. Pkt. 25c.; large pkt. 60c.

## Michell's Giant Nasturtiums

Nasturtiums are among the best known and most popular of hardy annuals. Easily grown, and producing a great profusion of brightly colored flowers from within a few weeks after they are sown until they are killed by frost.

## DWARF or BEDDING • TOM THUMB

Of dwarf, compact growth, excellent for borders or for bedding, forming plants about 1 foot high by 1 foot across.

## NEW DWARF DOUBLE

**Scarlet Globe.** Perfect, compact plants of globe-shaped growth about 1 foot tall. Giant double and semi-double, sweet-scented, fiery scarlet blooms in great profusion. Pkt. 10c.; oz. 50c.

**Golden Globe.** All-America Winner. Identical in color with the popular Golden Gleam, but of dwarf, compact growth. Free flowering. Very double and sweet-scented. Pkt. 10c.; oz. 50c.

**Gem Mixture.** Free-flowering, semi-double, sweet-scented flowers in an excellent color-range, and containing both light- and dark-flowering plants. Pkt. 10c.; oz. 50c.; ¼ lb. \$1.75.

## Double Nasturtium Novelties All-America Winners

This type is of the semi-trailing habit and is a new development in Nasturtiums. The plant forms a vigorous bush which throws out short runners averaging 18 inches. The flowers are very large and double and exceedingly sweet-scented. Another feature is that the blooms stand well above the foliage and are excellent for cutting; well adapted for pot culture.

**Golden Gleam.** (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers. Pkt. 10c.; oz. 50c.; ¼ lb. \$1.75.

**Scarlet Gleam.** (Bodger.) The flowers are fiery orange-scarlet, 3 inches across, and uniformly double, with lush green foliage. Pkt. 10c.; oz. 50c.; ¼ lb. \$1.75.

**Gleam Hybrids.** (Bodger.) Gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture. Pkt. 10c.; oz. 50c.; ¼ lb. \$1.75.

## Michell's Giant-flowering Dwarf, Mixed.

This is one of the finest mixtures, composed of the largest and best named varieties and is unsurpassed for brilliancy of color. Pkt. 10c.; oz. 25c.; ¼ lb. 90c.; lb. \$3.00.

## TALL or CLIMBING NASTURTIIUMS

For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost. The seed-pods can be gathered while green and tender, for pickling. 8 to 10 ft.

## Michell's Giant-Flowering, Mixed Tall.

This mixture cannot be excelled for large size and beautiful colors of the flowers. Composed of the largest and finest varieties. Pkt. 10c.; oz. 25c.; ¼ lb. 90c.; lb. \$3.00.

## Michell's Pansies

The new Pansies are delightful. They will enhance your garden in their entrancing new colors, size and grace.

Strictly considered, this is a biennial, but the fact that it flowers the first season from seed recommends it as an annual. There are actually three seasons in which Pansies can be planted: If started in the house from February until April, Pansies will begin to bloom from July on; sown outdoors in May, beautiful flowers are produced in the fall; sown in frames during July and August, and transplanted later, they give us the main crop of flowers the following spring.

## GIANT or BEDDING PANSIES

**Yellow Shades.** Without blotches. A magnificent strain. Giant flowers. Plants of compact, dwarf habit. Fine for bedding for mass effect in borders. Pkt. 25c.; large pkt. 75c.; ½ oz. \$1.25.

**Lord Beaconsfield, Improved Strain.** Deep velvety violet, shading to white at the margins of the upper petals. Free flowering, excellent for bedding. Pkt. 25c.; large pkt. 75c.; ½ oz. \$1.25.

## Giant-flowering Mixtures AMERICA

A very selected dwarf strain and free flowering. Comes in a fine mixture of popular shades. American-grown seed. Pkt. 25c.; large pkt. \$1.00.

## MAPLE-LEAF GIANTS

This new variety has giant flowers measuring 4 to 6 inches across, perfectly round, and in a great variety of colors. Pkt. 25c.; large pkt. 75c.

**Michell's New Swiss Giants.** A new strain with enormous flowers and containing many unusual colors, such as salmon, pink, red, blue, yellow, etc., all beautifully blotched. Pkt. 50c.; large pkt. \$1.25.

## New Giant Pansy, Michell's Springtime

This is a fine new early-flowering variety, with blooms measuring 3½ to 4 inches across. The plants are of dwarf habit and commence to bloom very early in the spring. The mixture contains all the bright shades that are so popular in the spring garden. Pkt. 25c.; large pkt. \$1.00; ½ oz. \$1.75.

ALL PRICES SUBJECT TO MARKET CHANGES

## Nemesia

**Strumosa Suttoni.** A fine annual, with large flowers varying in color from creamy white to deep orange and carmine. ½ ft. Pkt. 15c.; large pkt. 60c.

**Blue Gem.** Flowers bright blue. Growth compact. Pkt. 15c.; large pkt. 60c.

## Oenothera • Evening Primrose

Beautiful hardy perennials of easy culture. The plants continue in bloom all summer.

★**Missouriensis.** A prostrate-growing variety with large, bright yellow flowers. Pkt. 15c.; large pkt. 75c.

## Engelmann's Special Mixture

A new variety and a truly Giant Pansy that is in a class by itself. Flowers 3 to 4 inches across, on long, heavy stems and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades. Pkt. 50c.; large pkt. \$1.00.

**Michell's Giant Exhibition.** Flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt. 25c.; large pkt. 75c.; ½ oz. \$1.75; ¼ oz. \$3.00; oz. \$10.00.

Broaden your flower knowledge by trying each season some things you are not acquainted with. You will have many pleasant surprises.



Pansies, America

**PANSIES, continued**

**Swiss Giants**

**Alpenglow.** Cardinal-red shades with dark blotches. Pkt. 25c.; large pkt. \$1.00.

**Berna.** Very rich, velvety purple-violet, of extra quality. Pkt. 25c.; large pkt. \$1.00.

**Coronation Gold.** Round canary-yellow flowers as much as 3 inches across, with slightly ruffled edges and lower petals flushed golden orange. Pkt. 25c.; large pkt. \$1.00.

**Lake of Thun.** A distinct marine-blue variety, with deep blue blotches. Pkt. 25c.; large pkt. \$1.00.

**Luna.** Soft sulphur-yellow with frilled edges. Pkt. 25c.; large pkt. \$1.00.

**Pure White.** The best giant pure white. Pkt. 25c.; large pkt. \$1.00.

**Rheingold.** Deep golden yellow, with black blotches on the three lower petals. Pkt. 25c.; large pkt. \$1.00.

**Improved Swiss Giants.** Flowers large, with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture. Pkt. 25c.; large pkt. 85c.;  $\frac{1}{8}$ oz. \$1.75.

**Dwarf, Swiss Choice Mixed.** For those who desire a dwarf and more compact type than the original, we highly recommend this new strain. Very free flowering and in a great variety of colors. Pkt. 25c.; large pkt. 75c.

**Trimardeau, Choice Mixed.** Free flowering, medium size flowers. Excellent for bedding. Pkt. 15c.; large pkt. 75c.

**Portulaca • Sun-Plant**

Brilliant, hardy annual of easy culture, excellent for massing in beds, edging, or rock-work, thriving best in a light, sandy soil and a sunny situation.

**DOUBLE-FLOWERING**

A select strain that will produce from 60 to 80 per cent double flowers.

**Mixed.** Pkt. 10c.; large pkt. 50c.;  $\frac{1}{4}$ oz. \$1.50; oz. \$5.00.

**SINGLE-FLOWERING**

**Choice Mixed.** Pkt. 10c.; large pkt. 40c.;  $\frac{1}{4}$ oz. \$1.00; oz. \$3.50.



Portulacas in border

# **Michell's Petunias**

No other flower has achieved more popularity. The Petunia is a plant that can be attractively used in an endless number of ways. New and charming colors and forms add to the interest of these indispensable garden flowers. They thrive in various climatic conditions and can be used as a perennial border, or in a rock-garden; they also effectively combine with other garden flowers and a garden entirely of Petunias is a delightful picture.

For freedom of bloom, variety of color, and effectiveness, the Petunia has few equals, for the flower garden, porch or window-box. They commence blooming early and continue until killed by frost. We call special attention to our Large-Flowering Strains, which for size and brilliancy of coloring cannot be surpassed.

**Outstanding Petunias Exclusive with Michell's**

**New Victory.** An extra-dwarf, super-giant single Petunia. Huge, deep-throated, fluted flowers, averaging up to 7 inches across. The plant habit is very dwarf, compact, bushy and free flowering. Our exclusive mixture contains a color-range of excellent light and dark shades. This is a fine variety for bedding or for exhibition. Pkt. 35c.; large pkt. \$1.00.

**New Dazzler.** The brightest and most colorful single Petunia yet introduced. The large flowers are brilliant shades of orange and rosy scarlet, plain and semi-ruffled, gold-and-white-throated. Plants of dwarf, compact habit. Fine for bedding or window-boxes. Pkt. 35c.; large pkt. \$1.00.

**New Improved Admiral.** A very superior selected strain. Flowers are a rich violet-blue, slightly waved. The plants are compact and upright in habit. Pkt. 35c.; large pkt. \$1.00.

**COLLECTION:** One pkt. each of above 3 superb Petunias, 90c.

**A.-A. Selections Winners**

**IGLOO.** Bronze Medal, All-America Selections. This new extra-compact Petunia produces pure white flowers of medium size with a slight yellow throat, and coming 100 per cent true. The plants are uniformly compact throughout the season, and continue to flower until frost. When in bloom they are a perfect mound of white, 8 to 10 inches in height, reminding one of an Eskimo igloo. This variety is ideal for borders. Pkt. 25c.; large pkt. \$1.00.

**ENGLISH VIOLET.** Honorable Mention, All-America Selections. A new and most pleasing shade of violet-blue Petunia, different from any other of the mid-blue varieties. It is almost the same beautiful color as English violets. Very important, it will hold this uniform color throughout the season. The plants grow normally 15 inches high, quite compact, and we believe the best made blue dwarf bedding Petunia yet introduced. Pkt. 25c.; large pkt. 75c.

**Single-flowered Grandiflora**

**FLAMING VELVET.** Rich, brilliant, velvety blood-red, medium-sized flowers. Pkt. 25c.; large pkt. 50c.

**General Dodds.** A fine bedding variety. Rich velvety blood-red blooms. Pkt. 10c.; large pkt. 50c.

**Howard's Star, Improved.** Produces a profusion of crimson-maroon flowers, with a distinct five-pointed white star. Pkt. 15c.; large pkt. 60c.

**TOPAZ ROSE.** All-America Winner. The color of this new Petunia is a fiery, velvety rose, slightly suffused with gold. Pkt. 25c.; large pkt. 75c.



Petunia, Igloo

**Single Large-flowered Plain-edged**

**BLUE BEAUTY.** New. A large-flowering plain-edged Petunia in a clear deep blue shade. Plants are vigorous growers. Pkt. 25c.; large pkt. 75c.

**MICHELL'S DWARF ELK'S PRIDE.** A really dwarf type of this popular Petunia in which the straggly habit is entirely lacking. The color is the well-known royal purple. Pkt. 25c.; large pkt. 85c.

**Purple Prince.** Large, fine, velvety purple flowers. Pkt. 25c.; large pkt. 75c.

**SNOWSTORM.** A fine large-flowering, plain-edged, pure white variety. Very free flowering. Good as a pot-plant and for bedding. Pkt. 25c.; large pkt. 85c.

**Dwarf Single Small-flowered Sorts**

**NEW VARIETIES (1 foot)**

**CREAM STAR.** Silver Medal, All-America Selections. Moundlike plants 8 to 10 inches tall, bloom madly from early summer until frost, the bloom literally hiding the foliage. Each dainty white flower is marked with a cream-colored star. Pkt. 25c.; large pkt. 75c.

**GLOW, NANA COMPACTA.** Silver Medal, All-America Selections. Medium-sized single flowers of a very intense glowing carmine-rose, measuring  $2\frac{1}{2}$  inches across, are borne in great profusion on dwarf plants. Pkt. 25c.; large pkt. 75c.

**VELVET BALL (Dwarf Flaming Velvet).** All-America Winner. The plants reach a height of about 8 inches and the blooms are comparatively large, being about  $2\frac{1}{2}$  inches in diameter, well shaped, deep velvety blood-red. Pkt. 25c.; large pkt. 75c.

**Portland Petunias**

For planting of veranda boxes and for choice potted plants, or for bedding out, these Petunias in select colors never fail to please.

**Elk's Pride.** Large, deep royal purple blooms. Pkt. 25c.; large pkt. 75c.

**Pink Triumph.** Clear, bright pink, delicately fringed. Pkt. 25c.; large pkt. 75c.

**Mixed Colors.** Pkt. 25c.; large pkt. 75c.

**ALL PRICES SUBJECT TO MARKET CHANGES**

## MICHELL'S PETUNIAS, continued



Petunia, English Violet

### Dwarf Single Small-flowered STANDARD SORTS (1 foot)

- Bluebird.** An excellent bedding variety. Medium-sized flowers of a deep blue color. Pkt. 15c.; large pkt. 50c.
- Celestial Rose.** Compact; deep rose. Excellent for bedding. Pkt. 15c.; large pkt. 50c.
- Cockatoo.** Violet, with white spots. Pkt. 15c.; large pkt. 50c.
- Dwarf Inimitable.** Dwarf, compact habit. Profuse bloomer. Flowers striped and blotched. Pkt. 10c.; large pkt. 50c.
- Silver Blue (Heavenly Blue).** Makes a fine bedding variety combined with Rosy Morn. Pkt. 15c.; large pkt. 50c.; 1/4 oz. \$2.25.
- King Henry.** Free flowering; dwarf, compact habit. Blood-red color. Pkt. 25c.; large pkt. 75c.
- MARTHA WASHINGTON.** A ruffled or frilled, dwarf, compact type, about 9 inches high. Blush-pink, center veined wine-red. Pkt. 25c.; large pkt. 75c.
- Periwinkle Blue.** Flowers are a delightful shade of pastel blue. Resembles very much the perennial Vinca. Pkt. 15c.; large pkt. 50c.
- Rosy Morn.** Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with white throats. Pkt. 10c.; large pkt. 50c.; 1/4 oz. \$1.25.
- Rose of Heaven.** Rich, brilliant rose color. Pkt. 10c.; large pkt. 60c.; 1/4 oz. \$1.25.
- SALMON SUPREME.** Free-flowering. Soft salmon-pink. Pkt. 25c.; large pkt. 75c.
- Snowball.** A fine, compact sort, producing a profusion of satiny white flowers. Pkt. 10c.; large pkt. 75c.
- TWINKLES.** Brilliant rose, starred white. Fine bedding sort. Pkt. 25c.; large pkt. 75c.
- Violacea.** Plants of erect, dwarf type. Beautiful deep violet flowers. Pkt. 15c.; large pkt. 60c.
- Choice Mixed.** Pkt. 10c.; large pkt. 40c.; 1/4 oz. \$1.00; oz. \$3.00.

### PETUNIA PATRIOTIC COLLECTION

- General Dodds (Red)  
Snowball (White)  
Bluebird

- 1 packet each of above..... 30c.  
1 large packet each..... \$1.50

### Nana Compacta or Miniature

A new dwarf, compact variety, about 10 inches in height.

**VIOLET GEM.** Honorable Mention, All-America Selections. Miniature violet-blue Petunia. Pkt. 25c.; large pkt. 75c.

**Rose Gem.** Rich deep rose. Pkt. 25c.; large pkt. 75c.

### Dwarf Single Nana Compacta, Mixed.

A dwarf-flowering type with medium-size flowers produced in profusion. Excellent for bedding and borders. Choice mixed colors. Pkt. 25c.; large pkt. 75c.

### Balcony Petunias

A fine, large-flowering, free-blooming type suitable for vases, window- or porch-boxes; also valuable for bedding.

**Blue.** Rich indigo-blue. Pkt. 15c.; large pkt. 60c.

**Cornflower Blue.** Bright blue. Pkt. 15c.; large pkt. 60c.

**Crimson.** Rich velvety crimson. Pkt. 15c.; large pkt. 60c.

**Rose.** Rose-pink. Pkt. 15c.; large pkt. 60c.

**White.** Pure white. Pkt. 15c.; large pkt. 60c.

**Mixed Colors.** Pkt. 15c.; large pkt. 60c.

### Single Ruffled Giants with Veined Throats

**CALIFORNIA GIANTS, DWARF RAMONA STRAIN.** An excellent new dwarf strain of California Giants. Very compact. Fine for pots. Pkt. 25c.; large pkt. 85c.

### GLAMOUR, GIANTS OF CALIFORNIA.

Honorable Mention, All-America Selections. A luscious shade of salmon-rose in the Giant Ruffled Petunia type, faintly veined brown in the creamy open shallow throat. Strong, robust, extremely free-blooming. Pkt. 25c.; large pkt. 85c.

**GIANT COPPER-RED, MICHELL'S NEW IMPROVED DWARF.** The ruffled flowers are a brilliant copper-red, with beautifully veined dark throats. Pkt. 25c.; large pkt. 85c.

**California Giants.** One of the largest flowered varieties. Bright, desirable colors. Robust plants. Pkt. 25c.; large pkt. 75c.

### Large Single Fringed

#### MICHELL'S SUPER FLUFFY RUFFLES.

Splendid new strain with beautifully ruffled and fringed flowers that at first glance appear fully double. The color is a lovely blending of rose and salmon shades. Pkt. 25c.; large pkt. 85c.

**Dainty Lady.** Plants neat, compact, semi-dwarf, and free flowering. Blooms medium size, delicately fringed, light golden yellow. Pkt. 25c.; large pkt. 85c.

**Lace Veil.** Dwarf. Fringed; pure white. Pkt. 25c.; large pkt. 75c.

**Micell's Giant Fringed, Mixed.** Flowers large, beautifully fringed and ruffled. Pkt. 25c.; large pkt. 85c.

**THEODOSIA, Micell's Improved Strain.** New. Large brilliant rose-pink, with full open throat. Pkt. 25c.; large pkt. 85c.

**SETTING SUN.** An especially fine, dwarf sort of compact habit, 1 foot high. Brilliant rose-pink flowers, beautifully fringed, 3 inches across. Comes true from seed. Pkt. 25c.; large pkt. 75c.

**Violet King.** Beautiful, velvety violet-blue, immense, fringed flowers. Pkt. 25c.; large pkt. 85c.

### Double Petunias

#### NEW, DOUBLE MICHELL'S SUPREME NO. 1.

We take pleasure in offering this American-grown select strain of double Petunia. This is a choice selection of large, double fringed Petunias in a grand assortment of colors, including several scarce shades—salmon, dark red, etc. The flowers are huge, beautifully fringed, and the habit of growth is semi-dwarf. The percentage of doubles is very high. Pkt. 50c.; large pkt. \$1.50.

**Double Fringed, Mixed.** Flowers of large size, beautifully fringed and embracing a splendid variety of colors. Pkt. 50c.; 500 seeds, \$1.25.

**Choice Double, Mixed.** A good mixture. Pkt. 25c.

### How to Sow Double Petunia Seed

The seed of Double Petunias is very fine and should be sown inside in flats or pots, using a mixture of finely sifted soil, with the addition of some sand. Thoroughly water the soil and then lightly scatter the seed on the surface. Do not cover the seed with soil. The receptacle should be covered with a sheet of newspaper and a pane of glass, and kept in a warm location until the seedlings start to grow. It is important not to discard the small seedlings, as these usually produce the best double flowers.



Petunia, Glamour



Phlox, Rosy Moru

## Hardy Phlox

**Decussata, Mixed.** Tall-growing, perfectly hardy plants, with immense trusses of large flowers in all bright colors. Pkt. 10c.; large pkt. 75c.;  $\frac{1}{4}$  oz. \$1.25.

### Pinks

See Carnation, page 28, and Dianthus, page 32.

## Phlox Drummondii

One of our finest hardy annuals and should occupy a prominent place in every garden.

**GIGANTEA, RED GLORY.** *Honorable Mention, All-America Selections.* Here is the brightest color that we have ever seen in a Phlox. It is brilliant red with a contrasting white eye. Red Glory is identical in type, habit of growth and size of bloom to the Gigantea Art Shades. Pkt. 25c.; large pkt. 75c.

**GIGANTEA, ROSY MORN.** *Bronze Medal, All-America Selections.* Flowers are a combination of rose-pink with a white eye, larger than a half dollar. Free-flowering and will not fade in the sun. Pkt. 25c.; large pkt. 75c.

### SALMON GLORY All-America Winner

The individual flowers are gigantic for Phlox, measuring from 1 to  $1\frac{1}{2}$  inches in diameter, of pure salmon-pink color with a distinct creamy white throat. Pkt. 25c.; large pkt. 60c.

### GIGANTEA ART SHADES, MIXED All-America Winner

A strain with flowers  $1\frac{1}{4}$  to  $1\frac{1}{2}$  inches in diameter. In many pleasing art shades. Plants grow about 9 inches high. Choice mixture only. Pkt. 15c.; large pkt. 50c.;  $\frac{1}{4}$  oz. \$1.60.

### GRANDIFLORA

Large heads of bloom, as well as large individual flowers. 12 to 15 inches.

**Choice Mixed.** Pkt. 10c.; large pkt. 40c.;  $\frac{1}{4}$  oz. \$2.00.

## Michell's Poppies

One of our favorite and most popular flowers, producing, during the blooming period, a profusion of brilliant colors and shades. Seeds should be sown as early in the spring as possible, where they are to remain, as they do not stand transplanting. Sow very thinly and barely cover the seed, press down firmly, and they will come up in a few days. Several sowings of the annual varieties may be made at intervals to have a succession of bloom.

### SINGLE ANNUAL

**NORMANDY RED.** *New.* Large single flowers of a brilliant orange-scarlet—a very striking and showy annual. Splendid for beds or borders. Pkt. 25c.; large pkt. 75c.

**Michell's Shirley, Mixed.** This lovely race of Poppies varies in color from pure white and delicate pink to rosy carmine and deep crimson. Pkt. 10c.; large pkt. 25c.; oz. 75c.

### FLANDERS

This is the well-known Poppy of Flanders fields so often mentioned in songs and stories of the Great War. Medium-sized, scarlet flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

### DOUBLE ANNUAL POPPIES

**Improved Shirley, May Queen, Mixed.** A reselected strain. Large, double flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

### ICELAND POPPIES, Papaver nudicaule

While these are hardy perennials, they flower the first year from spring-sown seed. They are of graceful habit, with fernlike foliage. The satin-like flowers are borne in endless profusion, excellent for cutting. 1 ft.

**GARTFORD GIANT ART SHADES.** Large flowers carried on exceedingly heavy stems up to 30 inches in length. The color-range includes pastel shades of apricot, cream, gold, white, and various shades of rose. Its blooms make excellent cut-flowers when properly treated by dipping the ends in boiling water. Pkt. 25c.; large pkt. 75c.

**Yellow Wonder.** *All-America Winner.* Buttercup-yellow flowers, with a lighter center, are 4 to 6 inches across, and the stems are often more than 2 feet long. Fine for cutting. Pkt. 25c.; large pkt. 60c.

**Single, Mixed.** Colors range from white and yellow to deep orange-scarlet. Pkt. 10c.; large pkt. 40c.;  $\frac{1}{4}$  oz. 75c.

**Sunbeam.** Fine new shades in mixture. Pkt. 15c.; large pkt. 40c.

### PERENNIAL VARIETIES ORIENTAL POPPIES

These are always popular in any perennial bed. The seeds should be sown in early spring in the open ground.

**Orientele.** Extra-large, deep scarlet flowers. Pkt. 10c.; large pkt. 40c.;  $\frac{1}{4}$  oz. 75c.

**Orientele, Mrs. Perry.** Rich salmon-pink. Pkt. 10c.; large pkt. 75c.

**Orientele, Royal Scarlet.** Brilliant scarlet. Pkt. 25c.; large pkt. 75c.

**Orientele Hybrids, Mixed.** Large flowers. Pkt. 10c.; large pkt. 50c.;  $\frac{1}{4}$  oz. 85c.

### Pyrethrum

#### FOLIAGE VARIETY FOR BEDDING

Used for edging of ornamental beds. Leaves finely cut.

**Aureum** (Golden Feather). Bright golden yellow foliage. 1 ft. Pkt. 10c.; large pkt. 25c.; oz. \$1.10.

## Michell's Primulas

### PRIMULA MALACOIDES

**Dawkin's Carmine-Pink.** Large, rich glowing carmine-pink, quite distinct flowers on wiry stems of upright and graceful habit. Pkt. 25c.; large pkt. \$1.00.

**Lilac.** Improved Baby Primrose. Tall, graceful spikes of delicate lilac flowers. Pkt. 20c.; large pkt. 75c.

**Pink Beauty.** Large, deep rosy pink flowers. Pkt. 25c.; large pkt. \$1.00.

### PRIMULA OBCONICA GIGANTEA

**WYASTON WONDER.** *New.* The largest-flowered *Primula obconica*. Individual florets are huge and the color a bright crimson. Pkt. 50c.; large pkt. \$1.25.

**Monster, Mixed.** An extra-large strain of this *Primula*. Pkt. 40c.; large pkt. \$1.25.

### FRINGED CHINESE

These are among our finest winter and spring-blooming pot-plants for decoration in the home or conservatory. Our seed has been grown for us by *Primula* specialists and cannot be excelled for size and brilliancy of colors.

**Michell's Prize Mixture.** This mixture contains only the finest sorts, selected from the best strains. Pkt. 25c.; large pkt. 85c.

## Rudbeckia • Coneflower

**Kelvedon Star.** A really good annual and a perfect, long-stemmed flower for cutting. Very floriferous and of sturdy habit of growth. Colors vary, but all have brown central discs, surrounded by a mahogany zone on petals of deep orange. 3 ft. Pkt. 15c.; large pkt. 50c.

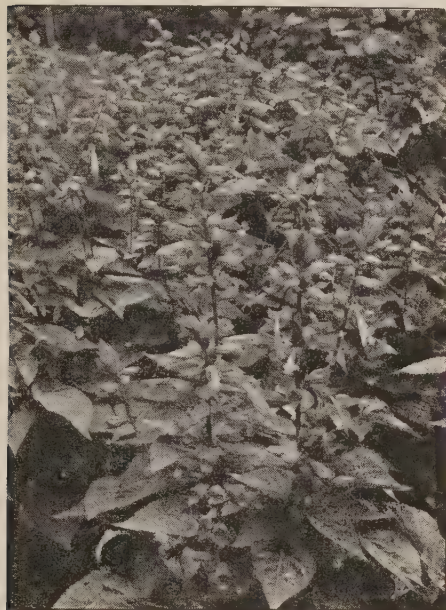
**RED-HOT POKER.** See *Tritoma*, page 45.

**RESEDA.** See *Mignonette*, page 35.

ALL PRICES SUBJECT TO MARKET CHANGES



Oriental Poppy,  
Mrs. Perry



Salvia, Bonfire

### Ricinus communis

Castor-Oil Bean

Large, rapid-growing, ornamental foliage plant. Produces a fine effect in center of beds or singly on lawns.

**Sanguineus.** Blood-red stalks and red fruit. 8 ft. Pkt. 10c.; oz. 25c.

**Zanzibarensis.** Enormous leaves, varying in color from light green to purplish red. 12 ft. Pkt. 10c.; oz. 25c.

**Mixed.** All sorts. Pkt. 10c.; oz. 25c.; lb. \$2.50.

### Salvia • Scarlet Sage

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in the midsummer or fall than these bright scarlet flowers.

**America (Globe of Fire).** Dwarf, bushy, compact grower and very uniform in height and shape. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$2.00.

**Bonfire (Clara Bedman).** Compact, bushy plants, 2 feet high, producing erect spikes of the most brilliant scarlet flowers. Pkt. 25c.; large pkt. 75c.; ¼ oz. \$2.00.

**Splendens.** Tall-growing plants with bright scarlet flowers. 3 ft. Pkt. 10c.; large pkt. 60c.; ¼ oz. \$1.50.

### PERENNIAL VARIETIES

**Azurea grandiflora.** Produces spikes of sky-blue flowers during August and September. 3 to 4 ft. Pkt. 15c.; large pkt. 60c.

**Royal Blue Farinacea.** A new improved strain. Very uniform in growth, with deep blue flowers. Pkt. 25c.; large pkt. 75c.

**Blue Bedder.** A new variety of Farinacea. Very compact. Deep blue flowers borne very profusely from seed the first year. Pkt. 25c.; large pkt. 75c.

**Farinacea.** A perennial variety, but best treated as an annual. Color, light blue. 2 ft. Pkt. 10c.; large pkt. 75c.

**Patens.** Large, bright blue flowers. 2 ft. Pkt. 15c.; large pkt. 75c.

### Sanvitalia • Creeping Zinnia

**Procumbens fl.-pl.** Double, bright yellow flowers. Pkt. 10c.; large pkt. 50c.

### Salpiglossis • Painted Tongue

Easy-growing annual plant which has become a great favorite, not only because of its easy culture, but mainly for its beautifully tinted and veined flowers. Blooms from early summer until late fall. 1½ ft.

**Rose, Crimson and Gold.** Definitely a new color in Salpiglossis. The richly colored blooms are very large. Excellent for cutting. Pkt. 25c.; large pkt. 50c.

	Pkt.	Large pkt.
<b>Crimson and Gold</b> .....	\$0 10	\$0 40

<b>Primrose</b> .....	10	40
-----------------------	----	----

<b>Purple and Gold</b> .....	10	40
------------------------------	----	----

<b>Rose and Gold</b> .....	10	40
----------------------------	----	----

<b>Scarlet and Gold</b> .....	10	40
-------------------------------	----	----

<b>White and Gold</b> .....	10	40
-----------------------------	----	----

<b>Emperor, Mixed.</b> A type having only one main stem, and bearing on its summit a large number of beautiful flowers, each one richly veined with gold.....	10	30
---	----	----



Salpiglossis

### Scabiosa • Mourning Bride

GRANDIFLORA VARIETIES

Annual

Magnificent annuals of easy cultivation, blooming freely through the summer and autumn. Very effective for beds or borders and invaluable for cutting. 2 ft.

**PEACE.** The white flowers are fully double, 1½ inches across, on 3½- to 4-inch stems. Good for cutting and an excellent garden variety. Pkt. 25c.; large pkt. 60c.

**IMPERIAL GIANTS, BLUE MOON.** The color is a rich deep lavender-blue. Flowers are fully double, beehive-shaped. Upright plants 3 to 4 feet tall. Pkt. 25c.; large pkt. 50c.

**Giant Salmon Beauty.** A pure salmon Scabiosa. The flowers are huge and the stems light and strong. Pkt. 25c.; large pkt. 40c.

**Orchid Shades.** This new mixture of orchid shades contains all the colors and tones of the Cattleya orchid. Equally lovely under natural or artificial light. Large flowers and very long, strong stems. Pkt. 15c.; large pkt. 40c.

**Rosette.** Large-flowering type in a beautiful shade of deep rose heavily suffused with salmon. A new color addition to this popular garden flower. Pkt. 25c.; large pkt. 40c.

### ANNUAL SCABIOSA, continued

**Azure Fairy.** Clear lavender-blue. Pkt. 10c.; large pkt. 25c.

**Blue Cockade.** New. Large, deep azure-blue flowers. Pkt. 10c.; large pkt. 25c.

**Cherry-Red.** Pkt. 10c.; large pkt. 25c.

**Flesh-Pink.** Delicate shade. Pkt. 10c.; large pkt. 25c.

**Giant Loveliness.** Flowers range through various tones of delicate salmon-rose. Pkt. 10c.; large pkt. 25c.

**King of the Blacks.** Deep purple. Pkt. 10c.; large pkt. 25c.

**Peach Blossom.** Peach-blossom-pink. Pkt. 10c.; large pkt. 25c.

**Rose.** Soft rose color. Pkt. 10c.; large pkt. 25c.

**Shasta.** Pure white; large, long stems. Pkt. 10c.; large pkt. 25c.

**Giant-flowering Hybrids, Mixed.** All-America Winner. Giant blooms in an unusual number of rare colors. Pkt. 10c.; large pkt. 30c.

**Finest Mixed.** Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

### HARDY PERENNIAL SCABIOSA

Handsome perennial border plants flowering the entire season. As the seed of perennial Scabiosa is of slow germination, we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

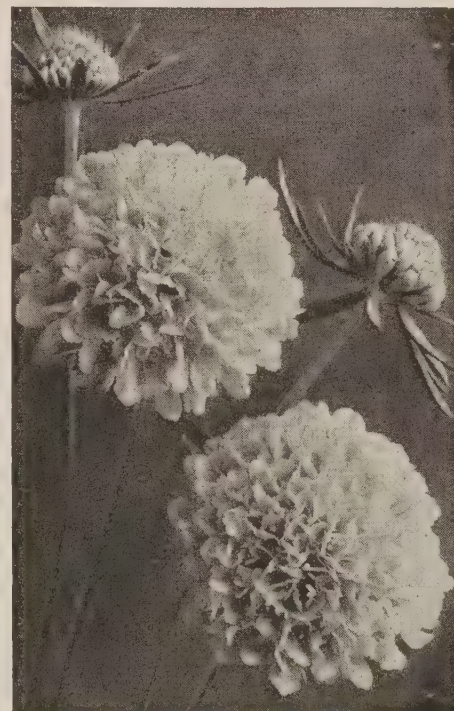
**Caucasica, Giant Hybrids, Mixed. Isaac House Strain.** A great improvement in the Caucasica type, with larger flowers and longer stems. Colors range from light lavender to dark blue. Excellent for cutting. Pkt. 25c.; large pkt. 75c.

**Columbaria anthemifolia, Rose-Pink.** A low-growing variety, with flowers measuring 2 to 2½ inches across in a delightful shade of pink. Fine for cutting. Pkt. 25c.; large pkt. 60c.

**Columbaria anthemifolia, Lavender.** Pkt. 25c.; large pkt. 60c.

**Caucasica.** Soft blue. 3 ft. Pkt. 10c.; large pkt. 60c.

**Caucasica alba.** White. Pkt. 10c.; large pkt. 60c.



Scabiosa, Imperial Giants, Blue Moon



Schizanthus, Canada Giants

## Schizanthus • Butterfly Flower

One of our finest hardy annuals, and of easy culture in any good garden soil. Showy flowers of various colors, closely resembling some species of orchids.

**Canada Giants.** An extra-select, large-flowered, compact greenhouse strain in splendid mixture. Pkt. 50c.; large pkt. \$1.25.

**Dwarf Large-flowering, Mixed.** A compact-growing variety and very free-flowering. Excellent for pots. Pkt. 25c.; large pkt. 75c.

**Garraway's Hybrids, Mixed.** Large flowers with markings on a white, buff, rose, blue, or purple ground. Pkt. 25c.; large pkt. 75c.

**Giant Pansy-flowered.** Large pansy-flowered blooms in a wide range of rich colors. Pkt. 25c.; large pkt. 75c.

**Hybridus grandiflorus, Mixed.** Compact, pyramidal plants, with flowers of many shades. Pkt. 10c.; large pkt. 50c.

**Wisetonensis.** Largely used as a pot-plant for the house. Flowers range from white with yellow center to pink with brown center. 1½ ft. Pkt. 10c.; large pkt. 60c.

**SHAMROCK, "True Irish."** Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

## Shasta Daisy

**Alaska.** Perennial. Pure white, extra-large flowers. Excellent for cutting. 2 ft. Pkt. 10c.; large pkt. 40c.

**New Double Giant White.** Perennial. A new double variety, excellent for cutting. Flowers are about 5 inches in diameter, on long, stiff stems, and have the appearance of a giant Aster. Pkt. 25c.; large pkt. 75c.

## Smilax

A greenhouse climber with very graceful light green foliage. Seed should be soaked 24 hours in warm water before sowing. 10 ft. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## Snapdragon

See Antirrhinum, page 25.

## Solanum

**Christmas Pepper.** An improved variety, producing quantities of miniature Peppers, ranging in color from purple to brilliant red. Pkt. 10c.; large pkt. 40c.

**Cleveland Cherry.** Ornamental pot-plants of dwarf, branching habit for winter decoration. Produces a great profusion of scarlet berries. 1 ft. Pkt. 10c.; large pkt. 40c.

## Statice • Sea Lavender

Excellent plants, for either the border or rockery, producing all summer panicles of small flowers, which can be dried and used for winter bouquets. 2 ft.

### ANNUAL VARIETIES

	Sinuata	Pkt.	Large pkt.
Blue.....		\$0 10	\$0 25
<b>Kampf's Tail Improved.</b>			
Deepest blue. Early flower-			
ing.....	10		25
<b>Lavender.....</b>	10		25
<b>Rosea superba.....</b>	10		25
<b>White.....</b>	10		25
<b>Yellow.....</b>	10		25
<b>Mixed. All colors.....</b>	10		25
<b>Suworowi. Russian or Rat-</b>			
<b>Tail Statice. Flowers bright</b>			
<b>rose color.....</b>	10		25



Statice sinuata

### PERENNIAL VARIETIES

**Caspia.** The most beautiful of all perennial Sea Lavenders. Very vigorous, with 3-foot stems carrying innumerable lilac flowers. Pkt. 25c.; large pkt. 75c.

**DUMOSA. Novelty.** A new variety, growing 2½ feet high and producing dense clusters of very pretty silvery gray flowers. Pkt. 25c.; large pkt. 75c.

**Latifolia.** Perennial. Large, deep blue flowers. Pkt. 10c.; large pkt. 60c.

## Sunflower • Helianthus

Well-known and popular plants, the small-flowering sorts being used for cutting and the tall varieties valuable for backgrounds.

### ANNUAL VARIETIES

#### Small-flowered

**Cut-and-Come-Again.** Single, golden yellow flowers with petals twisted like a cactus dahlia. Pkt. 10c.; large pkt. 25c.; oz. 50c.

**Stella.** Flowers single, golden yellow, with black centers. Invaluable for cutting. 4 ft. Pkt. 10c.; large pkt. 25c.; oz. 50c.

## Large-flowered Annual Sunflower

**Double Globe** (*H. annuus globosus fistulosus*). Large double yellow flowers. 6 ft. Pkt. 10c.; large pkt. 25c.; oz. 50c.

**Dwarf Double (Globe of Gold).** Yellow flowers. 3 ft. Pkt. 10c.; large pkt. 25c.; oz. 50c.

**New Red.** Extra-large flowers, some of which are rich chestnut-red, others tipped with yellow. Pkt. 10c.; large pkt. 25c.; oz. 75c.

**Russian Mammoth.** Immense, single yellow flowers on tall, heavy stalks. 6 ft. Pkt. 10c.; oz. 15c.

**SUN-PLANT.** See Portulaca, page 38.

## Sweet William

### Dianthus barbatus

One of the finest hardy perennial garden plants, and of easy culture, thriving in any good garden soil. They grow about 1½ feet high, forming fine clumps and producing excellent effects in beds and borders.

★**Dwarf or Alpine.** A fine new strain of excellent dwarf type, most suitable for edging and rock-gardens. The flower-heads are very large and the color-range a selection of many bright and dark shades. Pkt. 25c.; large pkt. 60c.

**Sutton's Giant White.** The finest large-flowering pure white Sweet William. Pkt. 25c.; large pkt. 40c.

**Auricula-flowered, Mixed.** A beautiful class of "eyed" single varieties. All colors. Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

**Holborn Glory.** Giant-flowered Auricula mixed. Pkt. 15c.; large pkt. 40c.

**Purple Beauty.** Bright deep purple. Pkt. 15c.; large pkt. 40c.

**Crimson.** Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

**Newport Pink.** Salmon-pink. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.00.

**Scarlet Beauty.** Deep scarlet. Pkt. 10c.; large pkt. 60c.; ¼oz. \$1.00.

**Velvety Maroon.** Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

**White.** Pkt. 10c.; large pkt. 40c.; oz. \$2.25.

**Single, Mixed.** All colors. Pkt. 10c.; large pkt. 30c.; oz. \$2.00.

**Double, Mixed.** Pkt. 10c.; large pkt. 40c.; ¼oz. \$1.25.

**Annual Single, Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$1.25.



Sweet William, Single Auricula-flowered

# Michell's Spencer or Orchid Sweet Peas

Sweet Peas are one of the daintiest of garden flowers. In captivating colors these fine large-flowering varieties will appeal to all. One ounce required for 15-foot row



Sweet Pea, Spring-flowering, White

## New Early-flowering Hot-Weather SWEET PEAS

This new type has performed outstandingly, giving excellent flowers on long stems. The exceptional merits are: first, the great vigor of growth; second, the ability to grow during the warm weather; third, the unusually long and stout stems.

**BLACK-SEED WHITE.** Strong-growing. Long-stemmed, large-flowered white sort. Pkt. 25c.; ½oz. 50c.

**BLUE.** Bronze Medal, All-America Selections. A splendid clear marine-blue. Pkt. 25c.; ½oz. 50c.

**LAVENDER.** Honorable Mention, All-America Selections. A fine clear lavender shade. Pkt. 25c.; ½oz. 50c.

**MAUVE.** Long-stemmed; clear satin-mauve. Pkt. 25c.; ½oz. 50c.

**ROSE-PINK.** Silver Medal, All-America Selections. A beautiful clear rose-pink shade. Pkt. 25c.; ½oz. 50c.

**SPRING-FLOWERING, CHOICE MIXED.** Pkt. 25c.; ½oz. 50c.

## Novelty Varieties SUMMER-FLOWERING

These are distinguished by the large flowers, with crinkled and wavy petals, and also by the fact that they usually bear four flowers on a stem. The varieties we offer are selected from a long list and are considered to be the best up-to-date sorts.

**Cheerie-O.** This is a mammoth-flowering, deep begonia-rose Sweet Pea, suffused with gold—a new color. Pkt. 15c.; oz. 50c.

**GOLDEN DRAGON.** A very large, duplex-flowered orange. The standard is a vivid, bright orange, while the wings shade to a deeper, softer orange-rose. Pkt. 15c.; oz. 50c.

**MAYTIME.** The huge flowers of this new variety come in fours and fives on long, husky stems. Color is a rich golden cerise that will not burn in the sun. Pkt. 15c.; oz. 50c.

## BLUE and PURPLE

**Fortune.** Rich dark blue.

**Mrs. Tom Jones.** Bright delphinium-blue.

**Royal Purple.** Rich purple. One of the finest varieties.

**Windsor Blue.** Finest mid-blue. Good stem and flower.

## CREAM

**Cream Gigantic.** Largest cream; black-seeded.

## DEEP PINK or ROSE

**Pinkie.** Extraordinary large rose-pink flowers.

## LAVENDER

**Austin Frederick Improved.** Giant light lavender blooms.

**Gleneagles.** Large; lavender.

**King Lavender.** Fine, clear lavender. Excellent variety.

## LIGHT PINK

**Bonny Briar.** Sparkling rose-pink; immense size.

**Diana.** Rose on cream; immense.

**Elfrida Pearson.** Large; shell-pink.

## ORANGE and SALMON

**Barbara.** Superbly self-colored salmon.

**Peggy Ann.** A rare new shade of attractive salmon-pink.

## SCARLET

**Crimson King.** Giant; deep carmine.

**Fiery Cross.** Large; intense orange-scarlet.

**Huntsman.** Bright scarlet.

**Welcome.** Giant flower. Brilliant sun-proof scarlet.

## WHITE

**Avalanche.** Glistening pure white.

**Constance Hinton.** Large flowering; white. Black-seeded.

**Gigantic.** Black-seeded white, extra-large, wavy flowers.

**King White.** Gigantic pure white flowers.

Any of the Spencer varieties, except where noted: Pkt. 10c.; oz. 50c.; ¼lb. \$1.50; lb. \$4.00.

## MICHELL'S SUPERB SPENCER MIXTURE

A mixture that cannot be surpassed. We have blended it ourselves from only Giant Waved Spencer varieties in proper proportions of bright colors and including a number of new hybrids of exquisite colors and shades. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. \$2.00.

## Michell's Early-Flowering Spencer Sweet Peas

### Michell's Exclusive Introductions

**TOP SERGEANT.** Deep blood-red-crimson, large bold-faced flowers with extra-long stems. An extra-early variety, undoubtedly the truest crimson Sweet Pea. Pkt. 25c.; ½oz. 60c.

**FOREST FIRE.** Giant bright orange-scarlet, duplexed flowers that will not burn. This new Sweet Pea is very worth while. Pkt. 25c.; ½oz. 60c.

**GORGEOUS.** Never have we seen such a colorful Sweet Pea—a glistening golden cerise brightening to a carmine. Under artificial light it is truly gorgeous, as the name implies. The magnificent large duplexed flowers are produced in fours and fives on long stiff stems. Pkt. 25c.; ½oz. 60c.

**LADY LUCK.** Vivid carmine-rose, suffused with purple; large, perfectly formed flowers. A very heavy producer on long, stout stems, each bearing four blooms. Pkt. 25c.; ½oz. 60c.

**BRIDESMAID.** A delicate, sparkling shade of silver-pink, as vigorous, healthy, slim, and supple as the name implies. Bridesmaid bids fair to outstrip the field in popularity as a cut-flower for large table center arrangement. Large flowers, usually fours, on stems 14 to 16 inches long. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**DELICIOUS.** This fine new early-flowering variety is a lovely new color, being a shade of pale salmon and cream, delightfully blended together. The flowers are huge, and the habit and length of stem are everything a good Sweet Pea should have. Pkt. 25c.; ½oz. 40c.; oz. 75c.

ALL PRICES SUBJECT TO MARKET CHANGES



Sweet Pea, Spring-flowering, Lavender

## MICHELL'S EARLY-FLOWERING SPENCER SWEET PEAS, continued

**Eleanor Blue.** Another good novelty in the new and popular Eleanor blue shade—a clear light blue with a silver sheen. Flowers large, frilled, and of perfect Spencer form, with fours predominating, and pleasingly fragrant. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**Fragrance.** This delightfully fragrant new variety is, in our opinion, superior to all other lavenders. The extra-large, clear lavender self blooms come on long stems. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**GRENADIER.** Dazzling scarlet. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**HOPE.** The finest black-seeded pure white to date. Flowers of mammoth size. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**NAVY BLUE.** A new color in the earlies, and one that has long been wanted. Blooms are rich dark blue with four to a long, strong stem. Vigorous grower. Pkt. 25c.; ½oz. 40c.; oz. 75c.

**Michell's Rose Wonder.** Beautiful, clear rose-pink color on a light ground. Pkt. 25c.; ½oz. 60c.; oz. \$1.00.

**SHIRLEY TEMPLE.** Brilliant rich rose-pink. Four large flowers on each stem. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**TREASURE ISLAND.** Sparkling glowing orange. Very strong growing, throwing a majority of four flowers on 15 to 16-inch stems. Pkt. 25c.; ½oz. 40c.; oz. 75c.

**VALENCIA.** A bright orange in color and absolutely sunproof. Stems long. Pkt. 15c.; ½oz. 40c.; oz. 75c.

**MICHELL'S EARLY-FLOWERING SPENCER, MIXED.** Pkt. 10c.; ½oz. 40c.; oz. 75c.

Strawflower

See Helichrysum, page 32.

## Michell's "Distinctive" Stocks

The Stock is one of the most popular and highly prized of our cultivated flowers because of its charming colors, delightful fragrance, and free-blooming character. Our seed is hand-saved from pot-grown specimens and will produce a large percentage of double flowers. The Early Giant Imperial and Early-flowering "Nice" Stocks must be started early indoors if wanted for outdoor blooming.

### NEW GIANTS OF CALIFORNIA

This magnificent new group is so marked in improvement that we believe they will head the list in forcing Stocks in the very near future. Giants of California are very early flowering with a high percentage of mammoth double flowers, and having the branching habit of the Bismarck. If planted close, they will nearly attain the height of the Column Stock, approximately 2½ to 3 feet. Large

Golden Gate.	Clear golden	Pkt.	Large
yellow.....		\$0 25	\$0 50
Monterey.	Bright pink.....	25	50
Pacific.	Light blue.....	25	50
Redwoods.	Blood-red.....	25	50
Santa Barbara.	Chamois.....	25	50
Santa Maria.	Pure white.....	25	50
Tahoe.	Lavender.....	25	50
Yosemite.	Rose.....	25	50
Splendid Mixture.....		25	50

### GIANT COLUMN NON-BRANCHING Double Excelsior

This new type of Stocks produces one enormous spike 2 to 3 feet in height. Blooms about 10 days earlier than Bismarck.

#### Michell's Rose Beauty, Giant Column Double Excelsior.

A fine new variety with exceedingly large double florets.

The color is a clear La-France-rose-pink—a very popular shade. We believe this Stock to be the outstanding pink in this type. Pkt. \$0 25 Large \$1 00

Ball Blue.	Dark lilac-blue.....	25	85
Ball Pink No. 11.	Rose-pink.....	25	85
Ball White.	.....	25	85
Chamois-Rose.	.....	25	85
Golden Rose.	Deep rose, suffused gold.....	25	85
Illusion.	Scarlet-red.....	25	85
Malmaison Pink.	Beautiful shell-pink.....	25	85
Rose-Pink.	.....	25	85
Silvery Lilac.	.....	25	85
YELLOW WONDER.	The color is a rich creamy yellow.	25	85
Mixed Colors.	.....	25	85

### MICHELL'S EARLY-FLOWERING "NICE"

An early-flowering strain of branching habit and a remarkably free bloomer. Large, double, fragrant flowers.

**Choice Mixed.** All colors. Pkt. 15c.; large pkt. 50c.

### LARGE-FLOWERED DWARF TEN-WEEKS

Leading variety for bedding out for summer blooming; also fine for pots.

	Pkt.	Large
Blood-Red.....	\$0 10	\$0 40
Dark Blue.....	10	40
Light Blue.....	10	40
Pink.....	10	40
White.....	10	40
Yellow.....	10	40
Mixed.....	10	40

### EARLY GIANT IMPERIAL STOCKS Improved Bismarck

An excellent addition to the early forcing class. The plants are of tall, branching habit, 2 to 2½ feet high, and produce a very high percentage of double flowers.

**NEW GIANT IMPERIAL.** The following four varieties form a new group. The plants are base branching and produce 12 to 15 huge flower-spikes, with individual florets measuring 2 inches or more in diameter.

Antique Copper.	New. Rich hellebore-red—a new and attractive shade.....	Pkt. \$0 25	Large \$0 50
Apple Blossom.	Blush-pink.....	25	50
Buttercup.	A deeper shade than canary-yellow.....	25	50
Canary-Yellow (Golden Ball)	.....	25	50
Chamois.	Ivory, tinted old-rose.....	25	50
Dark Blue.	A new shade.....	25	50
Elk's Pride.	New shade in this early group—an intense royal purple.....	25	50
Fiery Blood-Red.	Extra fine.....	25	50
Golden Rose.	.....	25	50
Lavender.	.....	25	50
Lilac.	.....	25	50
Mammoth Rose.	Exclusive Michell Introduction.....	25	60
Rose.	Deep rose-pink.....	25	50
Rose Charm.	Rich, deep rose.....	25	50
Roselight.	Bright rose.....	25	50
White.	.....	25	50
Mixed Colors.	.....	25	50

### Virginian Stock • Malcomia

**Mixed.** An easy-growing border annual with small lilac, red, or white flowers. Pkt. 10c.; large pkt. 25c.; oz. 75c.

### Early Colonial Branching Stocks

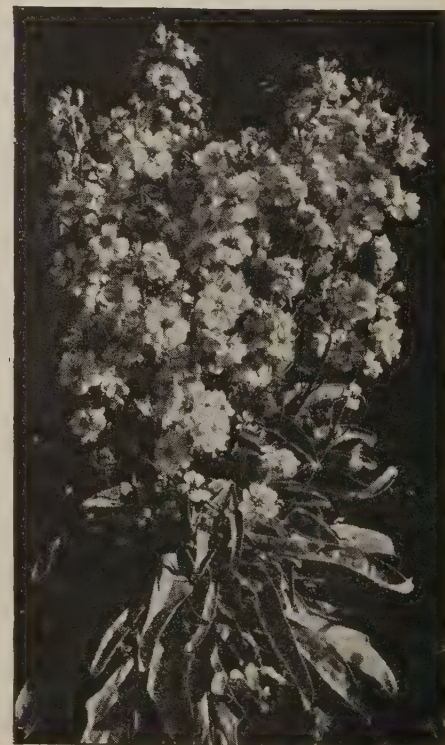
This new Early Colonial strain does not produce a center spike, so therefore requires no pinching to make it branch. From the base 8 to 10 heavy 20-inch branches spread out.

**ROSE STANDISH.** Novelty. A large-flowered bright rose Stock. Excellent for cutting. Pkt. 25c.; large pkt. 50c.

**Mayflower.** Brilliant rose-red. Pkt. 25c.; large pkt. 50c.

**Priscilla.** Clear silvery lavender. Pkt. 25c.; large pkt. 50c.

**Puritan.** Pure snow-white. Pkt. 25c.; large pkt. 50c.



Stocks, Early Colonial Branching

ALL PRICES SUBJECT TO MARKET CHANGES

# Viola, Ilona makes a continuous-blooming edging

## Tagetes • Single Marigold

**Signata pumila.** A dwarf, compact, bushy annual Marigold with golden yellow flowers and fern-like foliage. A fine bedding plant. Pkt. 10c.; large pkt. 25c.; oz. \$1.00.

## Tahoka Daisy

A beautiful free-flowering annual, with fern-like foliage. The daisy-like flowers are lavender-blue and grow on good long stems, which make them splendid for cutting. Seed sown inside in April will commence to flower the latter part of June. For good germination we suggest putting the seed in a refrigerator for a week or ten days. Pkt. 25c.; large pkt. 75c.

## Thunbergia • Black-eyed Susan

**Mixed.** Rapid-growing annual climbers making a pretty vine for trellises, fences, rockwork, etc.; also for window-boxes, hanging-baskets and vases. Pkt. 10c.; large pkt. 30c.; oz. \$1.25.

## Tithonia

**Speciosa.** Mexican Sunflower. A native of Mexico. Flowers large, orange-scarlet, reminding one of a single zinnia. An excellent cut-flower. This variety is late flowering and must be started early. Pkt. 10c.; large pkt. 40c.

## Torenia

**Fournieri grandiflora.** Showy annuals, flowering all summer. Fine for vases, hanging-baskets, borders, etc. Flowers sky-blue with yellow centers. 1 ft. Pkt. 10c.; large pkt. 60c.

**White Wings.** Ivory, tinted rose. Pkt. 10c.; large pkt. 60c.

## Tritoma • Kniphofia

### Red-Hot Poker

**Hybrida, Mixed.** A free-flowering, hardy perennial with large spikes of flowers. 2 ft. Pkt. 10c.; large pkt. 60c.



Viola cornuta, Chantreyland

## Venidium

### Monarch of the Veldt

**Fastuosum Hybrids, Mixed.** Colors range from apricot to deep golden orange. Pkt. 25c.; large pkt. 60c.

## Veronica • Speedwell

An elegant, hardy perennial plant of easy culture and free-flowering habit. Valued as a cut-flower or for the garden.

**Longifolia subsessilis.** Rich blue flowers. 2 ft. Pkt. 10c.; large pkt. 60c.

**Spicata.** Various shades. 1½ ft. Pkt. 10c.; large pkt. 50c.

## Vinca rosea

### Madagascar Periwinkle

Dwarf bedding plants, easily raised from seed. Deep green, glossy foliage and bright single blossoms of striking beauty. Also suitable for pot-plants. Sow early.

**TWINKLES.** Soft blush-pink, bright red eye; huge flowers. Pkt. 10c.; large pkt. 40c.

**Alba.** White, with rose eye. Pkt. 10c.; large pkt. 40c.

**Alba pura.** Pure white. Pkt. 10c.; large pkt. 40c.

**Kermesina.** Bright red. Pkt. 10c.; large pkt. 40c.

**Rosea.** Rose, with dark eye. Pkt. 10c.; large pkt. 40c.

**Mixed.** Pkt. 10c.; large pkt. 40c.; oz. \$2.50.

## ★Viola

**ARKWRIGHT RUBY.** This new large-flowered variety has beautiful bright rosy crimson blooms with terra-cotta shadings making it very outstanding, with the added attraction of being very fragrant. Pkt. 25c.; large pkt. 75c.

**ILONA.** Rich, light velvety purple. Very free flowering. Excellent for borders or planted as a combination with Yellow Perfection. Pkt. 25c.; large pkt. 75c.

**PAPILIO.** Butterfly Viola. Light blue and white. Pkt. 25c.; large pkt. 75c.

**PAPILIO.** Butterfly Viola. Deep violet. Pkt. 25c.; large pkt. 75c.

## ★Viola cornuta • Tufted Pansies

These resemble pansies in shape and form, and while not quite as large, they bloom more profusely and for a longer time. Seed sown in September produces flowering plants the following spring.

**Chantreyland.** A fine new Viola in a pure apricot shade. Outstanding in color and free-flowering habit. Pkt. 25c.; large pkt. 75c.

**Blue Perfection.** Light blue. Pkt. 10c.; large pkt. 75c.

**White Perfection.** Large; white. Pkt. 10c.; large pkt. 75c.

**Yellow Perfection.** Golden yellow. Pkt. 10c.; large pkt. 75c.

**Mixed.** All colors. Pkt. 10c.; large pkt. 60c.

## ★Viola • Scotch Bedding Pansies

**Mixed.** Produces larger flowers than *V. cornuta*. Pkt. 25c.; large pkt. \$1.00.

## Wallflower

Half-hardy perennials with deliciously fragrant blooms. They should be protected in a coldframe in winter and planted out in spring. 2 ft.

**Double, Mixed.** All colors. Pkt. 10c.; large pkt. 60c.

**Early-flowering Double, Mixed.** An extra-early variety, flowering from seed in 90 days. Pkt. 10c.; large pkt. 50c.

**Gold Standard.** Annual. Double, deep golden yellow, very fragrant blooms. The finest variety for forcing. Pkt. 10c.; large pkt. 75c.

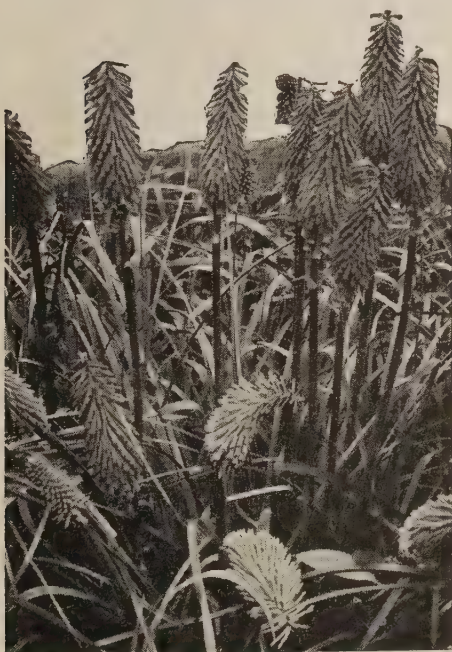
**Paris Extra-Early, Mixed.** A single-flowering variety which may be treated as an annual, flowering the first year from seed. 1½ ft. Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

**Single, Mixed.** Pkt. 10c.; large pkt. 30c.; oz. \$1.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Wallflowers, Paris Extra-Early



Tritoma (Red-Hot Poker)

## Michell's Verbenas

**DWARF UPRIGHT MICHELL'S EXHIBITION.** This new dwarf upright type is a fine addition to the Verbena group. The plants are dwarf and well branched and produce large flower heads. The individual florets have distinct eyes and the color range is a choice mixture of bright shades. This type is fine for bedding and borders. Pkt. 25c.; large pkt. \$1.00; ¼oz. \$2.00.

### HYBRIDA GRANDIFLORA GIANT VARIETIES

One of the most popular garden annuals for beds and massing, and cannot be excelled for a gorgeous display during the summer months.

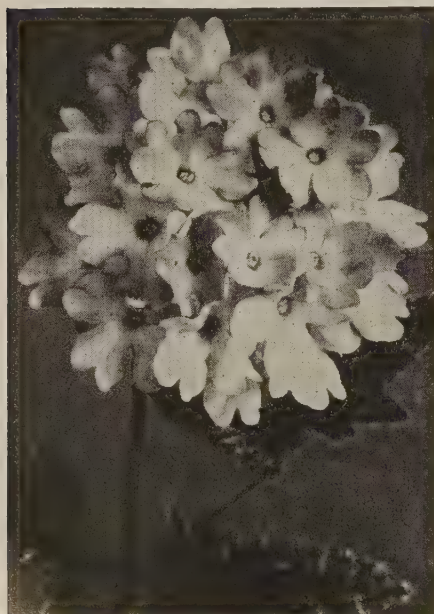
**ANNAPOLIS BLUE.** The first mid-blue Verbena that does not have a tendency to have a purple cast to the florets—a real deep Belladonna-blue. A strong husky grower with large trusses of 3-inch flowers. Pkt. 25c.; large pkt. 75c.

**ROSEGLOW.** A very unusual color—deep glowing rose shading to orange-scarlet, so luminous that each plant has the appearance of a small flat fountain of fire. This new Verbena is decidedly free flowering. When in full bloom each plant will average forty flowering clusters. Pkt. 25c.; large pkt. 60c.

**BRILLIANT.** This new Verbena is a rich deep flame-rose with a medium-sized white eye that helps bring out the intense flame color. Pkt. 25c.; large pkt. 60c.

**CRIMSON GLOW.** The deepest red shade available in this popular garden flower. A rich, glowing crimson, the flowers are a solid mass of color. Pkt. 15c.; large pkt. 60c.

**Beauty of Oxford Hybrids, Mixed. Originator's Stock Seed.** A fine giant hybrid resulting from a cross between Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. Pkt. 15c.; large pkt. 60c.



Mammoth Verbena

**Etna.** The finest and brightest color in Verbenas—an intense geranium-red with a small yellow eye; very large. Pkt. 15c.; large pkt. 60c.

**Lavender Glory.** A truly magnificent lavender variety of gigantic size. Undoubtedly the most glorious color in Verbenas, being a true lavender, with medium-sized creamy white eye. Very fragrant. Pkt. 15c.; large pkt. 60c.

**Lucifer.** Large flowers of an intense deep cardinal-scarlet throughout. Pkt. 15c.; large pkt. 60c.

**Luminosa.** Gigantic blooms of flame-pink, toning to softer shades of pink and coral. Pkt. 15c.; large pkt. 60c.

**NEWPORT SALMON.** Michell Novelty. An excellent giant-flowering, true salmon-pink with white eye. Extra-large florets. Pkt. 15c.; large pkt. 60c.

**Royale.** Rich deep royal blue flowers of enormous size, with creamy yellow eye. Pkt. 15c.; large pkt. 60c.

### DWARF, ERECT, COMPACT VARIETIES

This group is very neat and compact in habit and continuous bloomer. Well adapted for bedding, borders, and small gardens.

**Blue Sentinel.** All-America. Rich violet-blue. Pkt. 15c.; large pkt. 75c.

### Mammoth Fancy Verbenas

This strain produces trusses of large flowers of the most brilliant colors and shades.

	Pur- Pkt.	Large	Oz.
<b>Purple Mantle.</b>	ple.....\$0 10	pkt. \$0 50	\$2 25
<b>Blue Shades.</b>	..... 10	40	2 00
<b>Pink Shades.</b>	..... 10	40	2 00
<b>Scarlet Shades.</b>	..... 10	40	2 00
<b>Pure White.</b>	..... 10	40	2 00
<b>Mixed</b>	..... 10	40	2 00

### PATRIOTIC COLLECTION

Red, White and Blue. Pkt. of each 25c.; large pkt. of each \$1.00.

**Venosa.** Hardy Garden Verbena. Heliotrope-blue. Fine for bedding. Pkt. 10c.; large pkt. 40c.

### TALL PERENNIAL VARIETY

**BONARIENSIS.** New. Perennial species from Buenos Aires. Plants attain a height of 4 to 5 feet and bear numerous terminal sprays of heliotrope flowers during July and August. Pkt. 25c.; large pkt. 75c.

### Annual Mixed or Wild Flower Garden Seed

This mixture includes a large number of varieties of easy-growing, beautiful and interesting annual flowers which will furnish a profusion of bloom throughout the entire summer and autumn. Many of them will be found useful for cutting. Pkt. 10c.; oz. 25c.; ¼lb. 60c.; lb. \$2.00.

### Xanthisma texanum Star of Texas

One of the prettiest annuals and deserves to be very popular. The light canary-yellow flowers are single, daisy-like, with long-pointed petals. Stems are wiry and excellent for cutting. Will do well in dry, open places. Pkt. 25c.; large pkt. 60c.



Dahlia-flowered Zinnia

## Zinnias

### Youth and Old Age

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders, and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the summer and continue until frost.

### HOWARD'S NEW GIANT CRESTED CHOICE MIXTURE.

A cross between the Dahlia-flowered and Scabious-flowered types. Magnificent shades of orange, orange-scarlet, yellow, rose, maize, and crimson. As cut-flowers they are without a peer. Pkt. 25c.; large pkt. 60c.; ¼oz. 75c.

### Gaillardia-flowered

This fine new type of Zinnia has flowers which strongly resemble the double *Gaillardia picta*. The colors range through the mellow tones of rose, pink, bronze, yellow, orange and lavender. Pkt. 15c.; large pkt. 40c.; ¼oz. 60c.

### Scabious-flowered

**CAMPFIRE.** Vivid, intense scarlet flowers are carried on strong stems of good length for cutting. The free-blooming plants reach a height of 2 to 2½ feet. Pkt. 25c.; large pkt. 50c.

**SUNBURST.** Early-flowering. Bright pure canary-yellow flowers 1½ to 2 inches across. Plants are 2 to 2½ feet in height. Pkt. 25c.; large pkt. 50c.

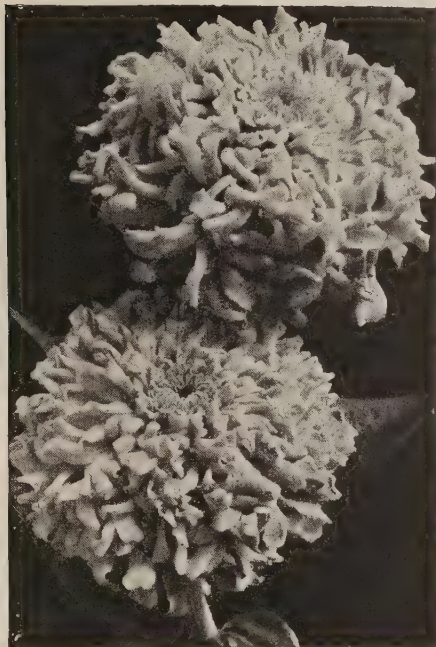
**Autumn Tints, Mixed.** The flowers range through all the gorgeous autumn tints, including orange, bronze, russet, dull red, carmine-red, and intermediate shades. Pkt. 15c.; large pkt. 50c.; ¼oz. \$1.00.

**Mixed.** New. Medium-sized flowers resembling the annual scabiosa. Fine for cutting. Choice mixed colors. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

Annuals sown late will restore garden luster. Marigold, Phlox, Poppy, and Zinnias will return a wealth of natural color in late August, September, and October. With an added delight in having flowers for the home.

ALL PRICES SUBJECT TO MARKET CHANGES

# Zinnias have no rival in the Annual garden—Plant them freely



Zinnia, Fantasy, Star Dust

## Fantasy or Chrysanthemum-flowered

**ORANGE LADY.** A rich shade of deep bright orange. The 2½ to 3-inch flowers are shaggy and gay in appearance. Pkt. 25c.; large pkt. 50c.

**ROSALIE.** The color is a bright, intense rose. Plants are about 2½ to 3 feet in height. Pkt. 25c.; large pkt. 50c.

**STAR DUST.** *Novelty. All-America Winner.* It has the same shaggy-petaled, medium-sized flowers as the mixture, but the color is a rich deep golden yellow. Plants grow 2½ to 3 feet tall. The type is very free flowering and early blooming. Pkt. 15c.; large pkt. 50c.; ¼oz. 90c.

**WILDFIRE.** Rich dazzling scarlet. Free blooming, 2½ to 3 feet in height. Pkt. 25c.; large pkt. 50c.

**MIXED COLORS.** (Bodger). *Novelty.* A new Zinnia, the rounded flowers of which are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized, double flowers. The color-range includes the brightest red and orange, as well as the popular pastel pinks and creams. Pkt. 15c.; large pkt. 50c.; ¼oz. 75c.

## California Giant Zinnias

These are larger than the Giant Robusta, and are a cross between them and the Dahlia-flowered. An excellent, long-stemmed type for cutting.

**Brightness.** Deep rose.

**Cerise Queen.** Orange-rose.

**Daffodil.** Canary-yellow.

**Enchantress.** Bright rose.

**Golden Queen.** Golden yellow.

**Grenadier.** Dark red.

**Lavender Queen.** Rosy lavender.

**Miss Willmott.** Soft pink.

**Orange Queen.** Golden orange.

**Purity.** Best white.

**Salmon Queen.** Salmon-rose.

**Scarlet Queen.** Deep scarlet.

**Violet Queen.** Purple.

**Finest Mixed.**

Pkt. 10c.; large pkt. 40c.; oz. \$1.75

## COLLECTION

One pkt. each, our selection, of 12 colors.....\$1 00  
One pkt. each, our selection, of 6 colors..... 50

## Giant Dahlia-flowered

Plants of vigorous habit, from 2½ to 3 feet high. Mammoth flowers, 4 to 6 inches across and 2½ to 3 inches deep, so closely resembling Decorative Dahlias that when placed by their side it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

**INDIAN SUMMER.** An attractive, unusual mixture of crimson, cherry, flame, burnished copper, yellow, and white. A blend of dazzling colors, excellent for cutting.

**ROYAL PURPLE.** *Honorable Mention, All-America Selections.* The deep rich reddish purple tones of this Zinnia are a charming reminder of the soft velvet of regal robes. The plants grow on the average 2½ to 3 feet tall and the extra-large, double blooms are about 4 inches in diameter.

**Buttercup.** Immense deep creamy yellow.

**Crimson Giant.**

**Dream.** Deep lavender, turning to purple.

**Exquisite.** Light rose, center deep rose

**Golden Dawn.** Bright golden yellow.

**Golden State.** Orange-yellow.

**Luminosa.** A new shade of bright pink.

**Old Rose.**

**Oriole.** Orange and gold.

**Polar Bear.** Pure white.

**Purple Prince.** Large; deep purple.

**Scarlet Flame.** Scarlet, with blending of orange.

Pkt. 15c.; large pkt. 40c.; oz. \$2.00

**Mixed Colors.** Pkt. 10c.; large pkt. 40c.; oz. \$2.00.

## COLLECTION

One pkt. each, our selection, of 12 colors.....\$1 50  
One pkt. each, our selection, of 6 colors..... 75  
One large pkt. each, our selection, of 12 colors..... 3 75

## Super Crown of Gold Mixture

The flowers are large and each petal is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip. This mixture includes all shades of rose, cream, yellow, carmine-pink, red, and lavender. A vigorous grower, reaching a height of 2½ feet. Pkt. 15c.; large pkt. 60c.; ¼oz. 85c.

## Elegans • Lilliput or Baby

Of compact habit, not over 15 inches high. Beautiful, miniature, perfectly double flowers.

**BLACK RUBY.** *Bronze Medal, All-America Selections.* Deep velvety maroon. Pkt. 15c.; large pkt. 40c.; ¼oz. 90c.

**Pastel Mixture.** This new mixture is composed solely of delicate shades not found in the ordinary mixed type. Pkt. 15c.; large pkt. 25c.; oz. \$1.25.

**Canary-Yellow.**

**Crimson Gem.**

**Golden Gem.**

**Purple Gem.**

**Rosebud.**

**Salmon-Rose.**

**Scarlet Gem (Red Riding Hood).**

**Valencia.** A new shade of burnt-orange.

**White Gem.**

**Mixed Colors.**

Pkt. 10c.; large pkt. 25c.; oz. \$1.25

## COLLECTION

One pkt. each, our selection, of 6 colors, 50c.

ALL PRICES SUBJECT TO MARKET CHANGES

## Zinnia linearis

A very unusual and interesting new type of Zinnia. 8 to 10 in. Pkt. 15c.; large pkt. 60c.; ¼oz. \$1.00.

## Dwarf Double or Cut-and-Come-Again

Compact bushes not over 2 feet in height. Large, double flowers.

**Crimson.**

**Flesh-Pink.**

**Pinkie.** Deep rose-pink.

**Salmon-Rose.**

**Scarlet.**

**White.**

**Yellow.**

**Mixed.**

Pkt. 10c.; large pkt. 25c.; oz. \$1.00

## New Cupid

Small, button-like flowers. Well-formed, very free-flowering plants. 1 ft.

**Finest Mixed.** Pkt. 15c.; large pkt. 50c.; oz. \$1.75.

## Haageana • Mexican Hybrids

**Mixed.** Very popular small-flowering Mexican Zinnias, which have a charm all their own. Excellent for bedding, making a fine display and having long stems. Exceptionally good for house decoration. Pkt. 15c.; large pkt. 50c.

## Various Zinnias

**Pumila, Picotee, Delight.** An extra-select variety in light and deep salmon shades. Petals ruffled and curled. Pkt. 15c.; large pkt. 50c.



Zinnia, Black Ruby

# Michell's Large-Flowering Cannas



Cannas

**Ambassador.** Brilliant cherry-red flowers. Bronze foliage. 3½ ft. Roots, 3, 50c.; doz. \$1.75; 100, \$12.00.

**City of Portland.** A glowing pink. Foliage green. 3½ ft. Roots, 3, 50c.; doz. \$1.75; 100, \$12.00.

**Hungaria.** Plant dwarf and compact. Flowers rich peach-blossom-pink. Foliage green and very massive. 3½ ft. Roots, 3, 50c.; doz. \$1.65; 100, \$11.00.

**Prices of Canna Plants.** If plants are wanted, they are ready about May 10, and will be supplied at the following prices: Doz. \$4.00; 100, \$30.00. Please specify if Roots or Plants are wanted.

**King Humbert.** Its majestic growth is enhanced by its massive trusses of coppery scarlet flowers. Foliage is deep bronze. 4½ ft. Roots, 3, 50c.; doz. \$1.75; 100, \$12.00.

**Richard Wallace.** Large, showy, pure canary-yellow flowers. Green foliage. 4½ ft. Roots, 3, 50c.; doz. \$1.65; 100, \$11.00.

**The President.** Rich glowing scarlet. Green foliage. 4 ft. Roots, 3, 50c.; doz. \$1.75; 100, \$12.00.

**Yellow King Humbert (Queen Helen).** Masses of golden yellow flowers, dotted red; occasionally some will be streaked red. Green foliage. 4½ ft. Roots, 3, 50c.; doz. \$1.75; 100, \$12.00.

**Mixed Cannas.** All colors. Roots, 3, 40c.; doz. \$1.50; 100, \$10.00.

*Canna roots are carefully selected and true to name*

## Michell's Hardy Garden Lilies

A garden is not complete without a planting of Hardy Lilies. They do exceedingly well in the herbaceous border. The varieties listed can be planted in the early spring months, and it is recommended that they be planted among hardy perennials, as the shade from the surrounding plants is necessary for their welfare.

**CULTURAL DIRECTIONS.** All Hardy Lilies should be planted from 6 to 10 inches deep. The bulbs should be completely enveloped in sand and no manure should come in contact with them, but may be placed 4 to 6 inches underneath. All loose-petaled bulbs should be planted on their sides instead of upright. Cover with leaves or litter during winter.

### Regal Lily • *Lilium regale*

One of the finest garden Lilies introduced. On sturdy stems, 3 to 5 feet high, are produced an abundance of large, beautiful flowers, the centers of which are flushed bright golden yellow, shading off to creamy white at outer edges. Externally the flowers are streaked with brown, shaded a delightful pearly tint. Should be planted in fall or early spring, 8 to 9 inches deep. Commences flowering in July. This variety has also been used for forcing with very good results.

**Large Selected.** Each 40c.; doz. \$4.25; 100, \$30.00.

**Mammoth.** Each 50c.; doz. \$5.00; 100, \$40.00.

**Monster.** Each 60c.; doz. \$6.00; 100, \$47.50.

**Jumbo.** Each 75c.; doz. \$8.00; 100, \$60.00.

### Miscellaneous Lilies

**Canadense.** Canadian Bellflower Lily. Bright yellow flowers, spotted black inside. 3 to 5 ft. June, July. Each 40c.; doz. \$4.00; 100, \$30.00.

**Canadense Rubrum.** Crimson with black spots. 3 to 4 ft. August. Each 45c.; doz. \$4.50; 100, \$35.00.

★**Elegans, Mixed.** Shades of orange. 2 ft. June, July. Each 35c.; doz. \$3.50; 100, \$25.00.

**Henryi.** Yellow Speciosum Lily. Distinct orange-yellow flowers in great profusion. Tall grower, often 7 feet. July, August. Each 60c.; doz. \$6.00; 100, \$50.00.

**Pardalinum.** Sunset Lily. A California variety bearing 12 to 20 strongly recurved flowers of bright orange, spotted dark crimson. Moisture-loving, and does exceptionally well where lime is not prevalent. Base-rooting; plant 5 inches deep. Each 40c.; doz. \$4.25; 100, \$32.50.

**Philippinense.** This wonderful Lily produces large pure white blooms tinted with rose on the outside. In size and form it resembles the Easter Lily, with a similar delightful fragrance. It is a profuse bloomer and invaluable as a cut-flower. Each 50c.; doz. \$5.00; 100, \$40.00.

**Superbum.** Turk's-Cap Lily. Grows from 4 to 5 feet high and produces from 15 to 25 orange-red flowers on a stalk. August. Each 50c.; doz. \$5.00; 100, \$40.00.

★**Tenuifolium.** Coral Lily. A very graceful, dwarf Lily with thread-like leaves and clusters of tiny, bell-like, recurved flowers of brilliant coral-red. 1½ ft. June. Each 25c.; doz. \$2.75; 100, \$20.00.

**LILIUM TESTACEUM.** Many flowers of a warm shade of nankeen-yellow. Base rooting. Height 4 to 5 feet. June, July. Plant 2 to 3 inches deep. Each \$1.25; doz. \$14.00.

**LILIUM WILLMOTTIÆ.** A vivid orange-red with recurved petals and many small brown spots. Height 4 to 5 feet. July, August. Each 45c.; doz. \$4.50; 100, \$35.00.

### Lily-of-the-Valley Pips

**Bundles.** For outdoor planting only. Bundles contain 25 good-sized pips, with good root-growth, all of which will flower with the proper care. The best of the stock is being selected for us. We can make shipment of these up to April 1. Bundles of 25 pips \$1.00; doz. bundles \$10.00.

The varieties marked ★ are excellent for the rockery.



*Lilium regale*

# Michell's Gorgeous Gladiolus

There is no other summer-flowering bulb that is enjoying so great popularity as the Gladiolus. Their adaptability to garden decoration or to use as cut-flowers during the summer and early autumn is surpassed by no other flower. They are not only showy in the garden, but when cut with the first flower open will last for ten days in the house. While they thrive in almost any good garden soil, better results may be had if soil is well prepared and enriched with some of our pulverized manures. Plant bulbs 4 inches deep and from 4 to 6 inches apart.

## For 1945 Gladiolus Collection

	Doz.	100
<b>Flaming Sword.</b> Scarlet..	\$1 10	\$7 50
<b>Gold Eagle.</b> Yellow.....	85	6 50
<b>Maid of Orleans.</b> White..	1 25	8 50
<b>Minuet.</b> Lavender.....	1 25	8 50
<b>Picardy.</b> Flesh-pink.....	1 25	8 50

### Special Collection of above varieties

5 each 5 varieties ( 25 bulbs) ...	\$2 00
10 each 5 varieties ( 50 bulbs) ...	3 75
20 each 5 varieties (100 bulbs) ...	7 25

## Pink Shades

- Bagdad.** Delicate smoky old-rose, deepening toward edges of petals, with lighter throat; large, wide-open flowers. Doz. 85c.; 100, \$6.50.
- Break of Day.** La-France-pink penciled on scarlet. Doz. 85c.; 100, \$6.50.
- Debonair.** La-France-pink, shading to shrimp-pink toward the center, with creamy throat. Doz. 85c.; 100, \$6.50.
- Giant Nymph.** Large, light pink flowers, suffused with cream-yellow, on strong spikes. Doz. \$1.00; 100, \$7.00.
- Margaret Fulton.** Pretty soft medium dark salmon. Good pink for early midseason. Doz. \$1.10; 100, \$7.50.
- Peggy Lou.** A very large flower of soft light rose. Tall stems with many florets open at once. Doz. \$1.25; 100, \$8.50.
- Picardy.** It makes tall growth and bears unusual spikes of beautiful flesh-pink florets, shading to soft shrimp-pink toward the edges of the petals. Doz. \$1.25; 100, \$8.50.
- Rosa van Lima.** A pure clear pink with no shade of salmon as most pink Glads have. Doz. \$1.50; 100, \$9.00.

## Yellow Shades

- Gate of Heaven.** Pure deep yellow; flowers large, heavily ruffled. Doz. \$1.00; 100, \$7.00.
- Golden Eagle.** Intense daffodil-yellow flowers with delicate pink markings on the lower petals of each flower. Doz. 85c.; 100, \$6.50.
- Paradise.** Large; tall growing; apricot; slightly ruffled with many flowers on spike. Doz. 85c.; 100, \$6.50.
- Primrose Princess.** Large; light yellow, carmine markings. Doz. 85c.; 100, \$6.50.
- Shirley Temple.** Light cream, with a rich creamy yellow throat; large, ruffled, 6-inch florets with as many as 8 to 10 open at one time. Doz. \$1.25; 100, \$8.50.

## White Shades

- Albatross.** Immense, pure white blooms of unusual substance. Doz. \$1.25; 100, \$8.50.
- Maid of Orleans.** Best described as creamy white. Doz. \$1.25; 100, \$8.50.
- Margaret Beaton.** Clear white with orange-red blotch. An outstanding variety. Doz. \$1.75; 100, \$12.00.
- Polar Ice.** Pure white without markings. Early flowering, with 6 to 8 well-placed blooms at one time. Doz. \$1.25; 100, \$8.50.
- Snow Princess.** Pure white, similar to Maid of Orleans and much in demand. Doz. \$1.50; 100, \$9.00.
- Star of Bethlehem.** Immense pure white blooms. A lovely flower with a large number of florets of good substance open at one time. Doz. \$1.50; 100, \$9.00.

## Blue, Lilac, and Purple Shades

- Anna Eberius.** Color rich velvety purple, with a deep purplish red blotch on the lower petals. Doz. \$1.10; 100, \$7.50.
- Ave Maria.** Glowing lilac-blue, each flower marked with a small purple blotch. Doz. \$1.25; 100, \$8.50.
- Berty Snow.** Large pinkish lavender flowers. Doz. \$1.10; 100, \$7.50.
- Charles Dickens.** Large violet-red blooms, with darker blotches; 10 to 12 flowers open at one time. Doz. \$1.50; 100, \$9.00.
- Dr. Moody.** Lavender-pink with broken blotch. A lovely flower with many blooms open at one time. Doz. \$1.25; 100, \$8.50.
- King Arthur.** Immense; heavily ruffled; lavender or mauve. A unique shade that is attractive and original. Doz. \$1.10; 100, \$7.50.
- Lavender Ruffles.** Slightly ruffled pinkish lavender with a white throat. Doz. \$1.25; 100, \$8.50.
- Minuet.** Light lavender with 4 to 6 large, heavy blooms open at one time. Doz. \$1.25; 100, \$8.50.
- Pelegrina.** It has a most unusual flower and especially good all-round habits for a blue. Doz. \$1.25; 100, \$8.50.
- Pride of Wanaka.** Large; deep lavender-rose with deeper blotch in throat. Doz. 85c.; 100, \$6.50.

## Red and Scarlet Shades

- Beacon.** Salmon-red with large cream blotches; flowers large and slightly ruffled. Long, strong stems. Doz. \$1.50; 100, \$9.00.
- American Commander.** Blood-red or darker. A vigorous grower, very popular and the best red of its shade. Doz. \$1.50; 100, \$9.00.
- Commander Koehl.** Flowers large, on tall stems, brilliant scarlet-blood-red. Grows well under all weather conditions. Doz. \$1.50; 100, \$9.00.
- Dr. F. E. Bennett.** Peach-red, overlaid flame color, throat finely stippled ruby and white. Doz. \$1.25; 100, \$8.50.
- Dream of Beauty.** A rosy purplish red (deep wine color) of great beauty. Doz. \$1.10; 100, \$7.50.
- Excellence.** Bright scarlet. Early to bloom and a good variety for cutting. Doz. \$1.25; 100, \$8.50.
- Flaming Sword.** Very early. Bright scarlet-red. Doz. \$1.10; 100, \$7.50.
- Morocco.** Glistening deep red with fiery sheen. Very popular dark red. Doz. \$1.10; 100, \$7.50.
- Red Phipps.** A shade of light red. Growth is medium tall and produces long spikes of large florets. Doz. \$1.25; 100, \$8.50.
- Virginia (Scarlet Princess).** Intense scarlet, slightly deeper in throat. Doz. \$1.00; 100, \$7.00.

## Mixture of Gladiolus

- Michell's Giant Exhibition.** Every bulb for this mixture has been selected with the utmost care for coloring and size of flowers. First-size bulbs, doz. 85c.; 100, \$6.50; 1000, \$60.00.
- Second-size bulbs, doz. 75c.; 100, \$5.50; 1000, \$50.00.



Gladiolus



## Michell's Meritorious Dahlias

**TIME OF SHIPMENT.** Unless specially requested, tubers will be shipped March 15 to June 1; plants, May 15 to June 15.

**CULTURE.** Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1. Spade or plow the soil 1 to 1½ feet deep; fertilize with well-rotted stable manure or Hyper-Humus; scatter about ¼ pound of bonemeal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply about ½ pound bonemeal to each plant and work in thoroughly; sheep manure or potato fertilizer can be substituted for bonemeal at this time to good advantage.

### How to Keep Dahlia Tubers After They Are Shipped to You if Too Early to Plant

Open package and allow tubers to remain in packing material. Do not expose to air or moisture too much; keep in a cool place, but not where they will freeze.

## RECENT INTRODUCTIONS

ID., Informal Decorative; FD., Formal Decorative; SC., Semi-Cactus; C., Cactus; IC., Incurved Cactus; Col., Collarette.

**Alice May.** ID. Pure white with slight yellow cast at base of petals. An all-round Dahlia. Roots, \$1.00.

**Carl G. Dahl.** ID. Apricot-buff shaded old-rose on reverse of petals. Loose petalage with enormous blooms. Roots, \$1.00.

**De Molay.** (Dahliadel.) FD. A velvety crimson-red Formal Decorative with blooms 9 by 5 inches. A strong, rugged grower that does well in ordinary culture. Roots, \$2.00. Plants, \$1.00.

**Glamour.** ID. An unusual color combination of purple veined violet-rose. Tall, heavy grower with stiff stems. Roots, \$1.50. Plants, 75c.

**Indian Summer.** SC. Golden yellow with soft orange suffusion. Bush tall and rugged with excellent foliage. Roots, \$1.00.

**John W. Sherwood.** ID. Violet or silvery mauve enlivened with Tyrian-pink and slight gold tips. Artistic blooms with petals that curl and twist. Has good form, size, free and early blooming habits and plenty of vitality. Roots, \$6.00. Plants, \$3.00.

**King David.** (Corbett-Dahliadel.) FD. A stunning 9 by 5-inch Formal of regal color. Rich deep purple, inclined to violet-purple, which does not fade. Grows about 4½ feet with plenty of stem for cutting. Roots, \$2.00. Plants, \$1.00.

**Maffie.** (Exnar-Johnson.) SC. Bush 6 feet. Blooms 13 by 8 inches. Its lively carmine flowers were head and shoulders above the rest in a big seedling class at Camden. Roots, \$1.50.

**Major Bowes.** FD. Deep red. Fine bush of sturdy growth, with dark green foliage and blooms well proportioned. Roots, 75c.

**Mozart.** (Dahliadel.) Ball type. The long-looked-for true Ball Dahlia in white. Sturdy growth; strong, erect stems. Grows naturally 4½ by 3 inches on bushes about 3½ feet tall. Roots, \$1.00.

**Pink Josephine.** ID. Beautiful lavender-pink. Produces large blooms on long stems. Early and prolific. Roots, \$1.25.

**Pink Profusion.** (Cordes-Dahliadel.) FD. This Formal of intense salmon-pink, edged deep rose-pink, develops a cream center as it fully opens. Perfect centers, sturdy growth, and glossy dark foliage. Roots, \$2.00. Plants, \$1.00.

**Rhythm.** (Dozier-Dahliadel.) IC. This 8-inch Incurved Cactus is an exquisite beauty with its attractive double serrated tips. Cameo or shrimp-pink color with suffusions of soft rose and lemon shadings at the base of the petals and center of the flower. Roots, \$4.00. Plants, \$2.00.

**Snowcrest.** (Alexander-Dahliadel.) IC. A medium-sized white Incurved Cactus. Winner of the Leonard Barron Memorial Trophy at the World's Fair as best undissemated Dahlia under 8 inches. Roots, \$2.00. Plants, \$1.00.

**Student Prince.** SC. A deep buttercup-yellow. Very popular. Large blooms on strong stems excellent for cutting. Roots, \$1.00.

**Virginia Rute.** SC. Rich oxblood-red shaded garnet. Blooms have high full centers with long strong stems. One of the best. Roots, \$1.00.

**Volcano.** FD. An orange-flame-red which holds its color in the sun. Foliage is heavy and leathery. Keeps well and stems are perfect. Roots, \$1.00.

**Whirlaway.** (Pittman-Dahliadel.) ID. Clear shade of soft lemon-yellow inclined to sulphur-yellow with rich green, glossy, holly-like foliage. Roots, \$2.00. Plants, \$1.00.

**Winter Morn.** (Dahliadel.) C. A new white sport of Frau Ida Mansfield. An unusual keeper for a Cactus Dahlia. A deep flower most appealing in form. Roots, \$2.00. Plants, \$1.00.

DAHLIAS CONTINUED ON PAGES 51 AND 52

## MICHELL'S MERITORIOUS DAHLIAS, continued

### New Dwarf Dahlias for the Garden

This new race of Dahlias has created quite a sensation. They are wonderfully apt subjects for garden planting, forming dwarf, compact plants which bloom throughout the summer until frost. The flowers are seldom over 4 inches in diameter and are produced in great profusion.

**Gerda.** Very double, 5- to 6-inch, lilac-rose flowers are freely produced throughout the summer and fall on vigorous, healthy plants. Roots, 50c.

**Gertrude.** Compact plants bearing a great profusion of clear sulphur-yellow very compact flowers of good size. Roots, 50c.

**Kate.** Showy bright scarlet flowers of formal contour. A charming variety. Roots, 50c.

**Easter Greeting.** White flowers somewhat larger and of better form than Christine, but not as early. Roots, 50c.

**Rosalie.** Lilac-rose blooms, shading lighter toward center. Roots, 50c.

### Decorative Types

D., Decorative; ID., Informal Decorative; FD., Formal Decorative.

**Adirondack Sunset.** ID. Scarlet-red with golden tips and reverse; center golden orange. Roots, 50c.

**America's Sweetheart.** ID. Often attains a size of 1 foot across. Color pure yellow without any shadings. Roots, 75c.

**Blue Jersey.** FD. A lavender-pink sport of Jersey's Beauty with all its growing qualities. Roots, 75c.

**California Idol.** ID. A clear, bright self-colored yellow that ranks in size with the largest. It may be grown to measure 14 inches or more across. Roots, 50c.

**Cameo.** ID. True coral-pink, deepening toward center; petals overlaid with glistening golden sheen, reverse deep rose-pink. Roots, 50c.

**Chautauqua Salute.** ID. Very attractive shade of pure white. Roots, 50c.

**Cherokee Brave.** ID. Oxblood-red that holds its color in the sun. Blooms of great depth and measure 10 to 13 inches across. Roots, \$1.00.

**City of Cleveland.** ID. Bright orange suffused scarlet. Artistic in form and very attractive. Roots, 50c.

**Clara Carder.** ID. Large flower with petals unusually twisted or cupped. Soft cyclamen-pink. Roots, 50c.

**Darcy Sainsbury.** FD. Creamy white, nearly perfect blooms. Good stems; stands the heat well. Highly recommended. Roots, 75c.

**Dorothy Stone.** ID. Huge, true deep pink blooms with very full center and thick petals evenly placed. Roots, 50c.

**Edward Rindfleisch.** ID. Bright scarlet; large broad petals. Flowers held well above foliage on strong stems. Roots, 50c.

**Gallant Fox.** An outstanding luminous dark red. Sturdy stem, fine color and good keeping qualities. Roots, 40c.

**Golden Beauty.** ID. Golden yellow. Most artistic with high, full centers and strong stems. Roots, \$1.00.

**Golden Eclipse.** FD. Clear golden yellow with salmon and flesh shadings at center. Roots, 50c.

**Improved Francis Larocca.** FD. Pale sulphur-yellow, very satisfactory as a cut-flower. Blooms profusely on good stems. Vigorous grower. Roots, 50c.

**Jack Rose.** ID. Free flowering; deep rose-red. Flowers keep well. Stem and bush growth excellent. Roots, 35c.

### Decorative Types, continued

**Jane Cowl.** ID. Massive blooms of bronzy buff and old-gold, blending darker. Roots, 50c.

**Jean Kerr.** FD. A fine white Dahlia of medium size. Roots, 35c.

**Jersey's Beauty.** FD. Blooms high above the foliage on strong stems; flowers are immense, glowing pink. Roots, 35c.

**Jimmie Foxx.** ID. Immense exhibition blooms of coppery red, shaded with henna. Strong plants producing flowers on straight stems, well above the foliage. Roots, 75c.

**Josephine G.** ID. A pleasing true pink of a bright shade, slightly veined and tipped yellow. Sturdy bush, with flowers held well above the dense foliage. Roots, 35c.

**Kathleen Norris.** ID. True rose-pink, deepening to mallow-pink, tight center. Roots, 75c.

**Kemp's Violet Wonder.** ID. Large, well-formed bright violet-purple flowers. Roots, 50c.

**Kentucky.** ID. Pure salmon-pink, similar in habit and form to Jersey's Beauty. Roots, 50c.

**Kentucky Red.** FD. One of the brightest reds—a flaming scarlet. Roots, 50c.

**Kentucky Sun.** FD. Clear light lemon-yellow. Large uniform blooms on strong stems. Glossy green foliage. Roots, 35c.

**Milton J. Cross.** ID. Beautiful apricot-peach, with bright golden face. Flowers of enormous size, measuring 12 inches across and 8 inches in depth, are held well above the foliage on long, straight, stiff stems. Roots, 75c.

**Monarch of the East.** FD. A giant Dahlia 11 by 5 inches, which is a strong contestant for the largest bloom class. Color is a light, rich cadmium-yellow, with a reverse of red. Roots, 75c.

**Mrs. George LeBoutellier.** ID. An exhibition variety of extra-large size and good form. Carmine-red. Roots, 75c.

**Mrs. I. de Ver Warner.** FD. A deep mauve-pink, immense flower of perfect form. Very popular. Roots, 35c.

**Mrs. James Albin.** FD. New deep yellow. Blooms are well formed and have excellent keeping qualities. Blooms freely. Roots, 75c.

**Murphy's Masterpiece.** ID. A deep dark red shading crimson; very large blooms. Roots, 75c.

**Oakleigh Monarch.** FD. An unusual shade of blood-red; free flowering. Roots, 75c.

**Omar Khayyam.** FD. Chinese red at base of petals, shading to bright orange and tipped lighter. Roots, 35c.

**Prince of Persia.** ID. Very dark red, with velvety markings; immense blooms, very deep, often a foot across. Roots, 50c.

**Robert L. Ripley.** ID. Color soft rhodamine-purple with deep rose-pink suffusion throughout. Roots, \$1.50.

**Royal Purchase.** IC. Straw-yellow with outer petals suffused pink. Good stems and deep blooms with long slender petals which revolute. Roots, 75c.

**Sunrays.** ID. Color, clear buff with apricot suffusion, with a distinct peach-red on reverse of petals. Roots, \$1.00.

**The World.** FD. Rich, deep rosy magenta, overlaid garnet, with silver shadings on edges. Roots, 50c.

**White Wonder.** ID. Giant pure white blooms with long-pointed, twisted and curled petals. Roots, 40c.

### Large Single Varieties

Open-centered flowers with only one row of ray florets, regardless of form or number of florets.

**Candlelight.** A brilliant yellow. Unusual shape of petals at center resembles candle-light rays. Roots, 75c.

**Doris.** Deep velvety carmine, tipped pure white. Very spectacular. Roots, 35c.

**Newport Wonder.** Rose-pink with golden suffusion. Petals pointed and slightly twisted; very popular. Roots, 50c.

**Saturn.** (Dahliadel.) Col. Pleasing clear yellow Collarette with a real yellow collar. Strong, erect stems—perfect form. Roots, \$1.00.

**Scarlet Century.** Bright, glowing scarlet on erect stems. Good grower with profuse, well-formed blooms. Roots, 25c.

**Tribune.** (Dahliadel.) Col. A deep, rich crimson-carmine with white collar petals that are edged carmine. Roots, 50c.

### Cactus Types

C., Cactus; SC., Semi-Cactus; IC., Incurved Cactus.

**Alice Whittier.** SC. Large primrose-yellow flower on long stems. Roots, 50c.

**Amelia Earhart.** SC. Apricot-buff, with salmon tints, shading to soft yellow at base of petals. Roots, 75c.

**American Purity.** SC. A fine, large, deep white on strong, erect stems. Excellent keeping qualities. Roots, \$1.00.

**Cigarette.** SC. Creamy white, heavily edged orange-red; petals long and inclined to roll, forming a deep flower. Roots, 50c.

**Dorcas Ann.** SC. An attractive pink, with rose suffusion and sulphur-yellow shadings at center. Roots, 40c.

**Flash.** SC. Petals are crimson with white tips and are serrated doubly. An unusual bicolor of moderate size. Roots, \$1.00.

**Frau O. Bracht.** C. Clear primrose, finely formed flowers on stiff stems. Roots, 75c.

**Greater Glory.** SC. Deep rose-pink shading to sulphur-yellow at center. A tall, vigorous bush, with good foliage and artistic blooms. Roots, \$1.00.

**Jersey's Dainty.** C. A truly dainty white variety faintly tinged lavender, almost pure white late in the season. Blooms 7 inches across and 3 inches deep. Roots, 50c.

**Lactare.** SC. Orange-red edged chrome-yellow. Most attractive and a great favorite. Roots, 50c.

**Marietta.** IC. Profuse bloomer with perfect stems and a good grower. A clear and even canary-yellow that does not burn or fade. Roots, 75c.

**Mariposa.** SC. Beautiful shade of true pink, center intensified and suffused with faint violet; narrow, incurved petals. Roots, 50c.

**Miss Elsie Jane.** SC. Most artistically formed blooms of shrimp-pink, with cream shadings at center, tipped violet-rose. Roots, 50c.

**Model 999.** SC. Fiery red with gold reverse. Bush growth is rugged and flower has full high center. Roots, 75c.

**Rheinischer Frohsinn.** IC. Long, incurved petals, white at base, suffusing to luminous carmine-rose. Roots, 75c.

**Son of Satan.** SC. This is an improvement over Satan as it is a bright scarlet and has stronger stems. 11 by 5 inches. Bush 5 feet. Roots, \$1.00.

**Star of Bethlehem.** SC. Pure white blooms with petals finely pointed at tips, and a very high full center. Roots, 50c.

**Treasure Chest.** SC. This golden variety is a yellow suffused coral-red of a fine rich tone. Very popular. Roots, 50c.

## MICHELL'S MERITORIOUS DAHLIAS, continued

### Orchid-Flowering Varieties

This new race is excellent for landscape effect, gardens, table or other dainty decorations. Blooms often average 4 to 5 inches in diameter. Bush grows 2 to 3 feet in height.

**Buttercup.** Blooms measure 4 inches across. Color clear yellow; ideal for the garden. Roots, 35c.

**Dahliadel Twinkle.** Blooms perfect in form and of a beautiful combination of white, suffused violet-rose, with distinct Tyrian rose mottlings on the reverse of the petals. Bush rather dwarf. Roots, 35c.

**Guiding Star.** (Dahliadel.) A large lemon-yellow Orchid-flowering Dahlia, with slight reddish tinges on reverse. Blooms early in the season to frost. Roots, 50c.

**Sparkle.** (Dahliadel.) Col. Good pure white that will bloom throughout the season without burning. Grows 2½ feet, producing long, straight stems for cutting. A shapely bush for border planting. Roots, \$1.50.

### Garden Collection

	Roots
<b>Blue Jersey.</b> FD. Lavender-pink...	\$0 75
<b>Jack Rose.</b> ID. Deep rose-red...	35
<b>Jane Cowl.</b> ID. Bronzy buff and old gold...	50
<b>Jean Kerr.</b> FD. White...	35
<b>Jersey's Beauty.</b> FD. Glowing pink...	35

Value \$2 30

COLLECTION: One root each of above five varieties for \$1.75.

### Beauty Collection

	Roots
<b>California Idol.</b> ID. Lemon-yellow...	\$0 50
<b>Cherokee Brave.</b> ID. Oxblood-red...	1 00
<b>Flash.</b> SC. Crimson and white...	1 00
<b>Glamour.</b> ID. Purple veined violet-rose...	1 50
<b>Miss Elsie Jane.</b> SC. Pink and lavender...	50

Value \$4 50

COLLECTION: One root each of above five varieties for \$3.75.

### Miniature Dahlias

This class embraces small Decorative and intermediate sorts between Pompon and Ball types. They are excellent for basket arrangement or for cut-flowers.

MD., Miniature Decorative; MFD., Miniature Formal Decorative; MID., Miniature Informal Decorative; MP., Miniature Peony-flowered.

**Andries Orange.** MSC. Bright orange of exceptionally clear and attractive tone. Stems perfect and flowers of excellent form. Roots, 50c.

**Baby Royal.** MD. Salmon-pink, shaded apricot, with yellow at base of petals. Roots, 35c.

**Baby Sagamore.** MD. Amber-yellow with a peach-red suffusion. Stems strong and straight and flowers well under the maximum for Miniatures. Roots, 50c.

**Bishop of Llandaff.** MD. Bright scarlet with a deep garnet center. Foliage is lacy of a reddish bronze color. Unusual and very popular. Roots, 35c.

**Cinnamon Gem.** MID. A most free-flowering Miniature producing quantities of 2½-inch flowers on strong stems of perfect form. Color is unique—cinnamon-orange. Ideal habits. Roots, 75c.

**Dubonnet.** MSC. Deep oxblood-red that does not fade or burn. Very profuse bloomer with sturdy compact bushes. Roots, 50c.

**Forest Fire, Jr.** MID. In color it is indeed a miniature forest fire. It is amber-yellow suffused and veined soft cardinal. This variety grows from the middle of August until frost. Roots, 50c.

**Joyce Ann.** Pink shading lighter at tips and center. Uniform, artistic and attractive blooms. Stems strong and erect. Roots, 35c.

**Little Roseata.** MFD. An excellent pink. A fine keeper, and profuse bloomer. Roots, 35c.

**McKay's Purity.** MFD. This strong grower makes healthy, dense, dark green foliage with the uniform white blooms jutting out in striking contrast. Roots, 40c.

**Petit Prince.** MSC. Yellow base, heavily suffused crimson-red. Artistic and uniform. Strong erect stems. Roots, 75c.

**Pink Lassie.** MP. A beautiful soft shade of rose-pink with cream and lighter shadings toward center. Roots, 75c.

**Raleigh.** MID. Bushes are strong and robust, 4 feet high, and stems stiff and erect. Blooms 3½ by 2 inches, deep rose-pink, shaded salmon. One of the earliest and longest to bloom. Roots, 35c.

**Rapture.** MID. Rose-pink, shading to sulphur-yellow. Roots, 35c.

**Redhead.** MID. Scarlet-orange, with blooms facing up, on nice stems. A fine keeper. Roots, 50c.

**Red Robin.** MFD. A bright scarlet in a true miniature of perfect form. Blooms are sun-resistant and do not fade or burn. Roots, 75c.

**Rosalie White.** MFD. Rose and white bicolor. Good grower, excellent for home decoration and cutting. Roots, 50c.

**Snowsprite.** MSC. Beautiful glistening white. Blooms of fine uniform shape are held well above robust plants in marked profusion. Roots, 50c.

### Miniature Collection

	Roots
<b>Baby Sagamore.</b> Amber-yellow and peach...	\$0 50
<b>Fairy.</b> Lavender and violet-rose...	35
<b>Little Diamond.</b> Tyrian-pink...	75
<b>Little Roseata.</b> Pink...	35
<b>Snowsprite.</b> Glistening snow-white...	50
<b>Sylvia.</b> Deep carmine...	50

Value \$2 95

COLLECTION: One root each of above six varieties for \$2.50.

### Pompon Varieties

A miniature form of Ball Dahlias. Very popular and used extensively for table decorations.

**Betty Malone.** Color white with each petal distinctly tipped violet-purple. Roots, 75c.

**Bob White.** Pure white, with a cast of yellow. Long stems. Excellent variety for cutting. Roots, 35c.

**Bronze Beauty.** A beautiful golden apricot. Free bloomer and good for cutting purposes. Roots, 25c.

**Chita.** Pure canary-yellow. Not temperamental. Blooms keep well. Very popular. Roots, 50c.

**Clover.** A beautiful blend of white suffused pink. Prolific in blooms, all of which are small and of fine form. Roots, 35c.

**Gertrude.** Bright glowing carmine of good form on strong stems. One of the best bright reds to date. Roots, 35c.

**Goldilocks.** Pure gold deepening at center. Flowers well formed and excellent for cutting. Roots, 35c.

**Helen Anita.** One of the better varieties. Lilac with white center. Roots, 35c.

**Honey.** Pale yellow with faint suffusion of red on edges of petals. Free bloomer. Long stems. Roots, 25c.

**Johnny Peppin.** Dark red or maroon. A profuse bloomer with perfect small blooms. Roots, 35c.

**Little Edith.** Gold, suffused red. Free bloomer. Excellent for cutting. Roots, 35c.

**Little David.** Perfectly formed, russet-orange flowers. Fine for cutting. Roots, 25c.

**Little Snow White.** A fine new white; free flowering. Flowers of good form with strong stems. Roots, 35c.

**Mary Munns.** Fuchsia color, orchid sheen. Roots, 25c.

**Morning Mist.** White tipped lavender, rosy lavender at center. Very popular. Roots, 25c.

**Purple Gem.** A rich royal purple, becoming very popular. Worthwhile and good for cutting. Roots, 35c.

**Red Warrior.** A new bright red very much in demand. Profuse, and blooms keep well. A little beauty. Roots, 35c.

**Sherry.** A deep purple which is nearly round and very attractive. Roots, 35c.

**Sunny Daybreak.** Shades of yellow and red. Roots, 35c.

**Yellow Gem.** Pure light yellow. Free bloomer. Long stems. Roots 35c.

### Pompon Collection

	Roots
<b>Betty Ann.</b> Soft clear pink...	\$0 30
<b>Chita.</b> Clear canary-yellow...	50
<b>Edith Mueller.</b> Apricot and peach...	25
<b>Morning Mist.</b> White tipped lavender...	25
<b>Purple Gem.</b> Royal purple...	35
<b>Red Warrior.</b> Bright red...	35

Value \$2 00

COLLECTION: One root each of above six varieties for \$1.50.



Dwarf Dahlias

*A real surprise awaits the gardener who plants these garden gems*

# Michell's Summer-Flowering Bulbs

## Amaryllis

**CULTURAL DIRECTIONS:** There are few bulbs which will give the amateur gardener (or even the professional) more for his money or time than the Amaryllis.

Place the bulbs, when they are procurable (usually from fall until spring), in pots 4 to 6 inches or more in diameter, and cover only to the shoulder of the bulb, leaving the neck protruding. Use a rich sandy loam, mixed with some bonemeal or sheep-manure. Water sparingly at first but increase as the growth increases. A temperature of from 50 to 60 degrees is the most suitable. The flower-spikes, often 3 to a bulb, will develop quickly, and each bears several of the immense, beautifully colored, lily-like flowers.

After blooming, it takes the foliage a considerable time to complete its growth, and the plants should be well cared for during that period, to insure next year's blooming. Dry off gradually and after the leaves turn yellow, keep the pots in a cool and dark place for about 4 to 5 months, when they can be started again as described above.

## Giant American Hybrids

The finest race of Amaryllis in cultivation, exceeding in size and fine form of their flowers as well as in the diversity of colors and markings, all former hybrids. Flowers striped and flaked. We offer mixed colors only.

	Each	Doz.
Large selected bulbs.....	\$0 60	\$6 75
Choice mammoth bulbs.....	85	9 50

## Michell's Superb Tuberous-Rooted Begonias

Our strain is the finest grown. The enormous flowers are of the most exquisite coloring and are produced in great abundance. These can be grown in porch- or window-boxes, or in the garden in semi-shady places; can be started in pots indoors very easily. Plant outdoors in May, in a light, well-drained soil where they will flower uninterruptedly from latter part of June till frost.

### Single Crispa Frilled Begonias (Large Bulbs)

	Each	Doz.	100
Orange.....	\$0 35	\$3 75	\$27 50
Pink, Rose.....	35	3 75	27 50
Salmon.....	35	3 75	27 50
Scarlet.....	35	3 75	27 50
White.....	35	3 75	27 50
Yellow.....	35	3 75	27 50

### Double Camellia-Flowered Begonias (Large Bulbs)

	Each	Doz.	100
Orange.....	\$0 35	\$3 75	\$27 50
Pink, Rose.....	35	3 75	27 50
Salmon.....	35	3 75	27 50
Scarlet.....	35	3 75	27 50
White.....	35	3 75	27 50
Yellow.....	35	3 75	27 50

### Double Carnation-Flowered Begonias (Large Bulbs)

	Each	Doz.	100
Orange.....	\$0 35	\$3 75	\$27 50
Pink, Rose.....	35	3 75	27 50
Salmon.....	35	3 75	27 50
Scarlet.....	35	3 75	27 50
White.....	35	3 75	27 50
Yellow.....	35	3 75	27 50



Begonia, Camellia-Flowered

## Begonia Pendula

(HANGING-BASKET TYPE)

Unsurpassed for vases, hanging-baskets, porch- and window-boxes. Medium-sized flowers all season.

**Mixed Colors.** Each 35c.; doz. \$3.75; 100, \$27.50.

## Fancy-leaved Caladiums

These are grown for us by one of the leading hybridizers. They are charming conservatory plants. Being of a tropical nature, they like a warm temperature. They do quite well outdoors during the summer if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. Bulbs should be started in moss with plenty of bottom heat.

Ask for leaflet on their culture and care.

### Extra Highly Colored Named Varieties

Each 40c.; doz. \$4.00; 100, \$30.00.

### Mixed Varieties

An assortment especially blended for us. 3, \$1.00; doz. \$3.50; 100, \$25.00.

**NOTE:** It often happens that the finest colored varieties do not produce the largest bulbs. The bulbs we furnish can be depended on for best results.

## Calla Lilies

Excellent as a pot-plant for the window-garden or for growing outdoors, preferring a shaded location. May be started inside any time prior to May 1, after which they can be safely planted out.

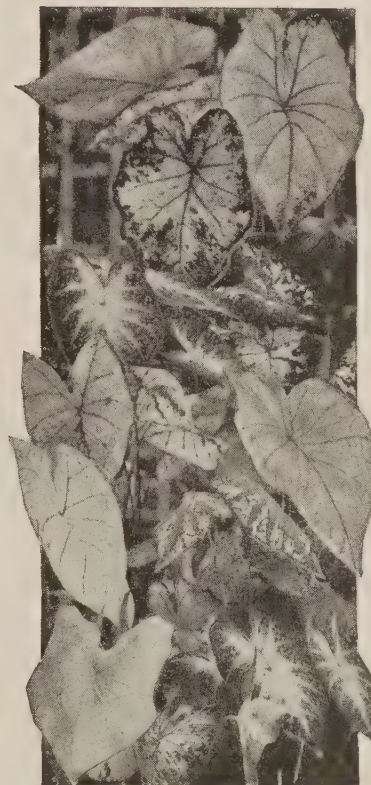
**Elliottiana.** Yellow flower as large as the common white Calla. Spotted leaf.

	Each	Doz.	100
Mammoth bulbs ..	\$0 40	\$4 50	\$35 00
Monster bulbs ....	65	7 00	50 00
Jumbo bulbs .....	85	9 00	65 00

**Spotted.** Flowers white. Foliage green spotted white. .... 40 4 50 35 00

## Baby Calla

**Pink** (*Richardia Rebmanni*). Dwarf. Flowers rose-pink, fading to cerise as they mature. An unusual flower. Each 50c.; doz. \$5.50.



Caladiums, Fancy-leaved

## MICHELL'S SUMMER-FLOWERING BULBS, continued

### Cinnamon Vine

Free-growing climber, with small white flowers deliciously scented. Makes a quick, dense shade. Monster roots, 3, 40c.; doz. \$1.50.

### Gloxinias

Gorgeous plants for either the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until May 15. We offer extra-fine, large bulbs.

Emperor Frederick.	Each	Doz.	100
Red, striped white..	\$0 50	\$5 50	\$42 50
<b>Emperor William.</b>			
Purple, striped white	50	5 50	42 50
<b>Mont Blanc.</b> White..	50	5 50	42 50
<b>Blanche de Meru.</b>			
Rose.....	50	5 50	42 50
<b>Tigrina.</b> Spotted....	50	5 50	42 50
<b>Violacea.</b> Light purple.....	50	5 50	42 50

### Hyacinthus candicans

(SUMMER-FLOWERING HYACINTH)

An ornamental midsummer-flowering plant producing from 20 to 100 large, bell-shaped flowers of a creamy white color, clustered on spikes about 2 to 3 feet long. Plant bulbs about 6 inches deep, in a sunny location and in well-drained, rich soil. The bulbs will produce a succession of spikes for two to three months, particularly if the spikes are cut off as the flowers fade. 3, 65c.; doz. \$2.50.

### Gloriosa superba Rothschildiana

Handsome African tuberous-rooted plant known as "Climbing Speciosa Lily," used mostly as a greenhouse climber, but can be grown successfully outdoors in a warm, sunny location. May be grown on a trellis as it finds support through the numerous tendrils. It grows 6 to 8 feet and produces large, gorgeous, lily-like flowers which open bright yellow, changing to deep scarlet. Strong tubers. Each 90c.; doz. \$9.75.



Montbretias



Gloxinia

### Ismene calathina

(Pancratium Lily, Peruvian Daffodil)

A choice flowering bulb, blooming profusely during the summer. Clusters of large, striking, fragrant, pearly white flowers. Bulbs should be kept warm and dry and planted out the middle of May; they will commence flowering in July. Before freezing weather sets in they should be lifted and kept in a warm, dry place. Large bulbs, each 40c.; doz. \$4.50.

### Madeira or Mexican Vine

Also known as "Climbing Mignonette." A beautiful and popular vine, growing rapidly, and much prized for porches and arbors. Leaves heart-shaped and of a light green color. Racemes of feathery white, fragrant flowers produced in profusion. Should be protected with litter during the winter. Extra-large selected tubers, 3, 40c.; doz. \$1.50.

### Montbretias

Montbretias resemble miniature gladiolus, are fine for cutting, and excellent for border planting. They prefer a light, loamy soil, well enriched with leaf-mold, but no manure or chemical fertilizer should touch the roots. A little bonemeal and a light top-dressing of lime is beneficial. They will thrive either in partial shade or full sunlight, but see that the moisture supply is good at all times.

	Doz.	100
<b>Aurora.</b> A fine golden orange..	\$1 50	\$10 00
<b>Fire King.</b> Fiery red.....	1 00	7 50
<b>George Davison.</b> Pure golden yellow.....	1 00	7 50
<b>His Majesty.</b> Rich yellow center, shading to scarlet....	1 50	10 00
<b>King Edmund.</b> Rich golden yellow, with brown markings in throat.....	1 25	8 50
<b>Choice Mixed</b> .....	1 00	7 50

Other varieties of Montbretias supplied on request

### Oxalis

(SUMMER-BLOOMING)

Valuable for edging the borders of walks or flower-beds.

	Doz.	100
<b>Lasiandra.</b> Rosy pink. Beautiful cut foliage.....	\$0 35	\$2 50
<b>Martiana.</b> Small white flowers.....	35	2 50
<b>Shamrock.</b> Clover-like foliage. Pink flowers.....	35	2 50
<b>Mixed Oxalis</b> .....	30	2 00

### Tigridia Pavonia

(MEXICAN SHELL-FLOWER)

**Hybrids, Mixed.** An excellent flowering bulb for the garden, known as the Tiger or Shell Flower. Colors vary from pure white to gold and vivid scarlet, all deeply blotched and speckled with crimson-maroon. Plant in May, 6 inches apart and 3 to 6 inches deep; they require treatment similar to gladiolus. 3, 50c.; doz. \$1.75; 100, \$12.00.

### Tuberoses

One of the most fragrant and popular of summer-flowering bulbs. For blooming in the open, plant about the middle of May.

**Albino or Mexican.** Single white blooms in July and August. A very free-flowering variety. The odor is less pronounced than in the double varieties. Doz. \$1.25; 100, \$9.00.

### Zephyranthes

(FAIRY LILY)

This is a small-flowering type of dwarf-growing amaryllis, flowering in profusion during the summer; also suitable for pot-culture.

	Doz.	100
<b>Carinata.</b> Very large, showy pink blooms.....	\$0 90	\$6 00
<b>Treatiae alba.</b> Pure white....	75	5 00
<b>Treatiae rosea.</b> Clear rose....	90	6 00

# Michell's Reliable Plants

## Special Notice on Guarantee

We spare no effort to supply all Plants, Trees, Shrubs, Roses, Vines, etc., of the best quality. The many causes beyond our control do not permit us to guarantee the life of this stock. That is entirely within the power of the buyer or planter. However, we will gladly replace any plant, tree, or shrub damaged in transportation if the Railway Express receipt is marked "damaged" and returned to us.

## Shipping-Time

In average seasons, applying to orders booked for spring.

**Hedge Plants, Small Fruits, Trees, Flowering and Ornamental Shrubs.** Sometimes late in March, generally during April and lasting until growth is too far advanced for transplanting with safety or assurance of stock surviving.

**Herbaceous Perennials.** April and continuing either until stock is exhausted or until season is too far advanced.

**Roses.** Weather permitting, our stock of pot-grown varieties will be shipped during the month of May.

**Bedding Plants.** Geraniums, Cannas, Salvias, etc., are usually shipped all through May and June.

## For all Mail and Express Orders

In the face of the limitations of the times, we must ask that orders call for at least

6 Plants of each variety of Annuals

3 Plants of each variety of Perennials

(Special Collections as listed on page 72 excepted)

The problems involved in handling lesser units are time-consuming, an element that must be conserved now.

In so far as stocks will be available, we will be pleased to serve customers at our Store, 518 Market St. with single plant units on a cash-and-carry basis.

## Please read carefully before ordering Plants from this Catalogue

When there are other goods on your order, please write the portion applying to plants on a separate sheet.

Plant orders are filled and shipped at what we consider the proper season for planting.

Localities where cold weather is not a permanent thing, shipments are made as soon as possible.

Shipments are best made by Express, except orders for small quantities of perennials. These can be sent by Parcel Post, if sufficient remittance on cash orders accompanies same. Parcel-Post arrangements do not apply on Bedding Plants.

## Special Attention

**NOTICE:** On receiving plants, unpack them, plant and water thoroughly immediately. If they cannot be planted at once, at least unpack and water them. Newly planted stock, no matter how moist it may appear, should at planting time and every day (in the evening) for a week thereafter, be watered thoroughly, unless we have rain each day during the period. Most losses, through Plants, Shrubs, Trees, Hedges, etc., dying, are caused by their not being watered sufficiently and regularly at planting time.

**PLEASE NOTE.** These plants do not ship satisfactorily by mail.

On all orders for Bedding Plants please note 6 plants of any variety or color is the minimum quantity for delivery by Railway Express or Local Truck.

Add 10 per cent to your order to cover delivery if less than \$3.50 value.

Small quantities will be available at our Store on a cash-and-carry basis during the planting season at especially established prices.

## Bedding Plants

### Ageratum • Floss Flower

One of the best bedding plants, being literally a mass of bloom from early summer till frost.

**Michell's Blue Boy.** Extra dwarf. The growth is uniform and even, 4 inches high, completely covered with flowers of the richest shade of blue. An excellent plant for the border. Doz. \$3.50; 100, \$25.00.

### Alyssum

**Little Gem.** Pure white flowers on dwarf, compact plants. Desirable for edging as it flowers all season. Doz. \$2.00; 100, \$15.00.

### Antirrhinum • Snapdragon

A very effective plant for massing or grouping in the flower border. Should be planted in groups of not less than six for the best effect.

**Nanum grandiflorum (Semi-Dwarf) Rust-proof.** A selected mixture of Orange-Yellow, Carmine-Rose, and White. Doz. \$3.50; 100, \$25.00.

### Asters

**Giant Branching.** A useful plant for the border and for cutting. Offered only in mixture of White, Pink, Crimson, and Blue. Doz. \$2.50; 100, \$18.00.



Begonia gracilis luminosa

### Begonias, Fibrous-rooted

**Gracilis luminosa.** A popular variety with bronzy red foliage and brilliant scarlet flowers. The ideal plant for showy masses of color in partially shaded areas.

**Prima Donna.** Lovely rose-colored flowers shading to carmine.

All Begonias, 4-in. pot-plants, doz. \$3.50; 100, \$25.00

### Cannas (Green Plants)

For particulars of dormant roots, see page 48.

**Ambassador.** Brilliant cherry-red flowers. Bronze foliage.

**City of Portland.** A glowing pink. Foliage green.

**King Humbert.** Its majestic growth is enhanced by its massive trusses of coppery scarlet flowers. Foliage is deep bronze.

**Richard Wallace.** Large, showy, pure canary-yellow flowers. Green foliage.

**The President.** Rich glowing scarlet. Green foliage.

All Cannas, doz. \$4.00; 100, \$30.00

### Coleus

The popular bedding plant with beautifully colored foliage. Ideal for edging canna and geranium beds, also for mass plantings.

**Golden Bedder.** Rich canary-yellow foliage.

**Queen Victoria.** Red foliage with yellow edge.

**Verschaffelti.** Dark crimson foliage.

**Rainbow Mixture.** An excellent mixture of all colors and markings.

All Colors, doz. \$2.50; 100, \$18.00

ALL PRICES SUBJECT TO MARKET CHANGES

## Philadelphia's Complete Garden Store



Bed of Double Geraniums

## Geraniums

- Beaute Poitevine.** Salmon-pink; very double.
- Mme. Landry.** A real coral color. Compact habit.
- Rose-scented.** The old-fashioned sweet-scented variety.
- Ricard.** Enormous bright scarlet flowers during the entire season. Compact, medium-dwarf plants.
- All Geraniums, 3 for \$1.15; doz. \$4.00; 100, \$30.00

## Heliotrope • Cherry Pie

A general favorite because of its fragrance. Doz. \$4.00; 100, \$30.00.

## Lantana

A very desirable bedding plant because of its bright orange and pink shades, flowering continuously summer and fall. Doz. \$4.00; 100, \$30.00.

## Lobelia

**Compacta.** The ideal edging plant. Blue flowers. Doz. \$2.50; 100, \$18.00.

## Marigold

These are favorites with all garden lovers, giving a wealth of color in the flower border and very useful for cutting.

### TALL AFRICAN VARIETIES

- Giant Chrysanthemum-flowered, Goldsmith.** Bronze Medal, All-America Selections. Plants grow 3 to 4 feet high, are very vigorous and base-branching, producing from 8 to 12 stems of large golden orange blooms measuring 4 to 5 inches in diameter.
- Alldouble Orange.** Originator's Stock. This new variety will produce a large percentage of double flowers of a bright orange shade.
- Guinea Gold.** The flowers come 100 per cent double and semi-double. Color, clear orange, flushed with gold.
- Yellow Supreme.** Broad, loose, frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color.

ALL PRICES SUBJECT TO MARKET CHANGES

### Marigolds, continued

#### DWARF DOUBLE FRENCH VARIETIES

**Melody.** Bronze Medal, All-America Selections. Golden yellow. Harmony type flowers.

**Spry.** Silver Medal, All-America Selections. Extra dwarf; very compact and uniform habit about 9 inches tall with very light orange-crested center and maroon outer petals.

All varieties of Marigolds, doz. \$2.50; 100, \$18.00

## Moon Vine

**Ipomœa noctiflora.** A pure white variety blooming toward evening and in the forenoon. The flowers are frequently 6 inches in diameter. Extra-strong plants, 3 for \$1.25; doz. \$4.50.

## Petunias

#### SINGLE LARGE-FLOWERED PLAIN-EDGED VARIETIES

**Michell's Dwarf Elk's Pride.** A really dwarf type of this popular Petunia in which the straggly habit is entirely lacking. The color is the well-known royal purple.

**Snowstorm.** A fine large-flowering pure white variety. Very free bloomer. Good as a pot-plant and for bedding.

All above Petunias, doz. \$4.00; 100, \$30.00

#### DWARF SINGLE SMALL-FLOWERED STANDARD SORTS

**Silver Blue (Heavenly Blue).** Makes a fine bedding variety combined with Rosy Morn.

**Rosy Morn.** Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with a white throat.

**Rose of Heaven.** Rich, brilliant rose color.

All above Petunias, doz. \$3.50; 100, \$25.00

#### LARGE ALDOUBLE-FLOWERING PETUNIAS

The latest development in Double Petunias in the new Alldouble strain.

**White Queen.** Pure white, double, beautifully fringed. Extra dwarf and free flowering.

**Victorious, Mixed.** All-America Winner. An extra-dwarf giant mixed Petunia. The habit of growth is very dwarf and compact, the flowers large and fully double in many brilliant and fancy colorings.

All above Petunias, doz. \$4.00; 100, \$30.00

## Phlox Drummondii

**Gigantea, Red Glory.** Honorable Mention, All-America Selections. Giant rich red flowers, white eye. Doz. \$3.00; 100, \$22.00.

**Salmon Glory.** All-America Winner. The individual flowers are gigantic for Phlox, measuring from 1 to 1½ inches in diameter. Color is pure salmon-pink with a distinct, creamy white throat. Doz. \$3.00; 100, \$22.00.

**Gigantea Art Shades, Mixed.** All-America Winner. A strain with flowers 1¼ to 1½ inches in diameter, in many pleasing art shades. Plants grow about 9 inches high. Doz. \$2.50; 100, \$18.00.

Our Bedding Plants in gay colors, profusely blooming and sturdy, are exceptional.

## Salvia • Scarlet Sage

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in midsummer or fall than these bright scarlet flowers.

**America (Globe of Fire).** Dwarf, bushy, compact grower and very uniform in height and shape.

**Splendens.** Tall-growing plants with bright scarlet flowers. 3 ft.

All Salvias, 4-in. pots, doz. \$3.50; 100, \$25.00

## Verbenas

#### Patriotic Red, White and Blue Collection

The following three Verbenas will make a fine red, white and blue color display in the garden.

**Red Sentinel.** Intense bright red with no eye.

**White Ball.** A petite-growing Verbena only 7 inches high with a score or more of stiff, erect branches, each bearing 3 to 5 heads of 2-inch florets. The color is a pure white which gives the plants the appearance of a white ball.

**Blue Sentinel.** All-America. Rich violet-blue.

Above 3 varieties, doz. \$3.50; 100, \$25.00

#### Michell's Mammoth Fancy Strain, Mixed.

Used for edging borders or for window-boxes and vases. Doz. \$3.00; 100, \$22.00.

## Vinca rosea (Madagascar Periwinkle)

**Alba.** White, with rose eye.

**Alba pura.** Pure white.

**Rosea.** Rose with dark eye.

All Vincas, doz. \$4.00; 100, \$30.00

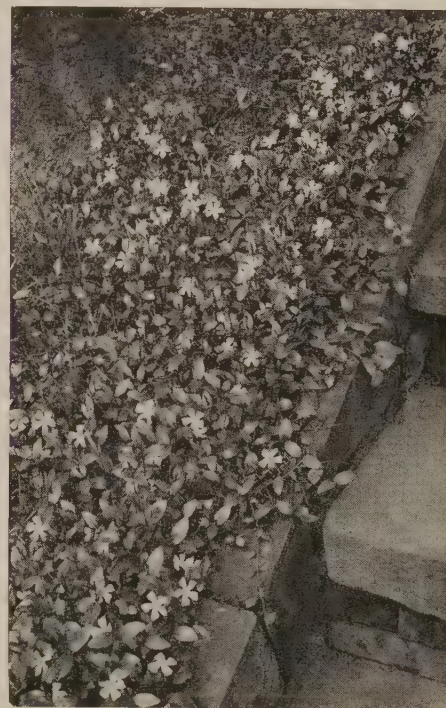
## Zinnias

#### Michell's Giant Dahlia-flowered, Mixed.

**California Giants, Mixed.**

**Elegans, Lilliput.**

All Zinnias, doz. \$2.00; 100, \$15.00



Vinca (Periwinkle)

# Michell's Hardy Perennial Plants

Plan to keep your garden in continuous bloom with Perennial Plants, that through summer into fall are free flowering, vigorous, and healthy. They make a brilliant display of varied colorings, gay as the sun, delicate as a cloud, to enhance the garden's splendor.

VARIETIES MARKED ★ SUITABLE FOR ROCK-GARDENS

## Achillea • Milfoil; Yarrow

**Ptarmica, Boule de Neige (Ball of Snow).** The flowers are of perfect form, with full centers which makes them appear pure white. 1 ft. June, July.

**Tomentosa.** Wool Yarrow. Handsome cut foliage with bright yellow flowers. 1 ft. June.

All Achilleas, each 60c.; 3, \$1.35; doz. \$4.00

## Aconitum

### Monkshood; Helmet Flower

**Fischeri.** A dwarf variety, growing 1½ feet high, with large pale blue flowers in September and October.

**Napellus, Sparks' Variety.** The darkest blue of all. 3 to 4 ft. June.

**Wilsoni.** Tall-growing. Violet-blue flowers in very late fall.

All Aconitums, each 60c.; 3, \$1.50; doz. \$5.00

## ★Ajuga • Bugle

**Genevensis rosea.** This new pink-flowering form is useful in the rock-garden or as a ground-cover. 6 in.

**Reptans.** The well-known blue variety. Will stand sun or shade. 6 in.

All Ajugas, each 60c.; 3, \$1.35; doz. \$4.00

## ★Alyssum

**Saxatile compactum.** An excellent, low, spreading plant for rocky or border, growing about 10 inches high. Masses of golden yellow flowers in May. Each 60c.; 3, \$1.35; doz. \$4.00.

**Saxatile compactum fl.-pl.** A double-flowering form of the well-known Basket of Gold. Each 60c.; 3, \$1.65; doz. \$6.00.

## Anchusa • Sea Bugloss

**Italica, Morning-Glory.** One of the finest of this showy genus. Tall, branching stems, smothered with large, brilliant, rich blue flowers. 5 ft. May, June.

**Myosotidiflora.** A distinct dwarf variety from the Caucasus Mountains, with clusters of pretty blue, forget-me-not-like flowers in May. 1 ft.

All Anchusas, each 60c.; 3, \$1.35; doz. \$4.00

## Anemone • Windflower

★**Hupehensis.** The plant grows 10 to 12 inches high and is wonderfully free flowering from early August until late autumn. Flowers a pleasing mauve-rose.

**Japonica, Queen Charlotte.** Very large semi-double flowers of La-France-pink, a color that is rare among hardy plants.

**Japonica, September Charm.** Flowers delicate silvery pink, shaded with rose and mauve, 2 inches or more across. Very free flowering. 2 ft. Sept.

**Japonica, Whirlwind.** Large, semi-double, pure white flowers. Very free.

All Anemones, each 60c.; 3, \$1.50; doz. \$5.00

## Anthemis • Marguerite

**Moonlight.** Pale lemon-yellow, daisy-like flowers. Each 60c.; 3, \$1.50; doz. \$5.50.

**Perry's Variety.** Improved golden Marguerite. Large well-shaped flowers, nearly 3 inches across, from June to October. Each 60c.; 3, \$1.35; doz. \$4.00.

## Aquilegia • Columbine

**Michell's Long-spurred Hybrids, Mixed.** The plants are of strong, thrifty growth and the flowers of the largest size.

**Longissima.** Flowers of delicate pale yellow with spurs 4 inches long, produced abundantly from late May on.

**Longissima Hybrids.** The achievement of English hybridizers. They have crossed the bewildering beauty of the finest Mrs. Scott Elliott Hybrids with the fantastic spurs of Longissima. Available in assorted colors only. 2½ to 3 ft. May, June.

All Aquilegias, each 60c.; 3, \$1.35; doz. \$4.00

## ★Arabis • Rock-Cress

**Alpina.** One of the most desirable of the very early spring-flowering plants, forming a dense carpet, completely covered with pure white flowers. Plant in fall or very early spring. Each 60c.; 3, \$1.35; doz. \$4.00.

**Alpina fl.-pl.** The double white Rock-Cress, flowering from April until June. Each 60c.; 3, \$1.35; doz. \$4.00.

**Coccinea.** Beautiful crimson-red flowers in early spring. Easily grown in the rock-garden. Each 60c.; 3, \$1.50; doz. \$5.50.

**Rosabella.** A new, very choice form with large clear pink flowers in great profusion during early spring. Each 60c.; 3, \$1.35; doz. \$4.00.

## ★Armeria • Sea Pink; Thrift

**Cephalotes, Bees' Ruby.** Stout stems with large globular heads of brilliant ruby-red flowers. Each 60c.; 3, \$1.50; doz. \$5.50.

**Cephalotes rubra.** Large heads of crimson-red flowers on stout stems. Each 60c.; 3, \$1.35; doz. \$4.00.

**Lauchiana rosea.** Bright rose. Each 60c.; 3, \$1.35; doz. \$4.00.

## Artemisia

**Frigida.** Fringed Wormwood. A shrubby little plant growing from 8 to 12 inches high, with finely cut silvery foliage.

**Lactiflora.** White Mugwort. White fragrant flowers in much-branched panicles. 4 ft. Aug., Sept.

**Silver King.** A showy variety with beautiful bright silvery foliage, which, when cut and dried, retains its silver color all winter.

**Pontica.** Roman Wormwood. Makes a very useful plant in the Knotted Herb border or garden. The soft gray color makes it a very desirable plant to frame the rose-garden.

All Artemisias, each 60c.; 3, \$1.35; doz. \$4.00

## Hardy Carnations

**Crimson King.** Vibrant crimson, double flowers on long stems all summer.

**Royal Cottage Hybrids.** Large double flowers, delightfully fragrant. Red, Pink, White, and Mixture.

All above Hardy Carnations, each 60c.; 3, \$1.35; doz. \$4.00

## English Cottage Carnations

**Cynthia.** Pure shrimp-pink with spicy fragrance.

**Lucia.** Deep rose-pink.

**Sylvia.** Pale rose-pink edged with silvery white.

All above Cottage Carnations, each 60c.; 3, \$1.50; doz. \$5.00



Aster Frikarti, Wonder of Staefa

## Outstanding Hardy Asters

**Beechwood Challenger.** It is free flowering, of medium height, about 3½ feet. Planted with Mt. Everest, deep crimson, a striking color in the fall garden.

**Charles Wilson.** A bright red Aster which grows 3 feet high and is very good.

**Gayborder Blue.** A wonderful tall border variety good for cutting; clear blue flowers with bright yellow eye. 5 ft. tall; blooms from Sept. to frost.

**Harrington's Pink.** Probably the best truly pink Aster to date.

**Mt. Everest.** A wonderful white Aster. Very tall, well-shaped pyramids of flowers right down to the ground.

**Mt. Rainier.** Best white companion to Harrington's Pink.

**Skylands Queen.** Large, light blue flowers produced abundantly on 4-foot plants in late Aug. and early Sept.

**Violetta.** One of the best new blues with large flowers of violet-blue.

All above Hardy Asters, each 60c.; 3, \$1.50; doz. \$5.50

## Aster Frikarti, Wonder of Staefa

An everblooming perennial. Flowers clear azure-blue, 2 to 3 inches in diameter, on long stems. Each 60c.; 3, \$1.50; doz. \$5.50.

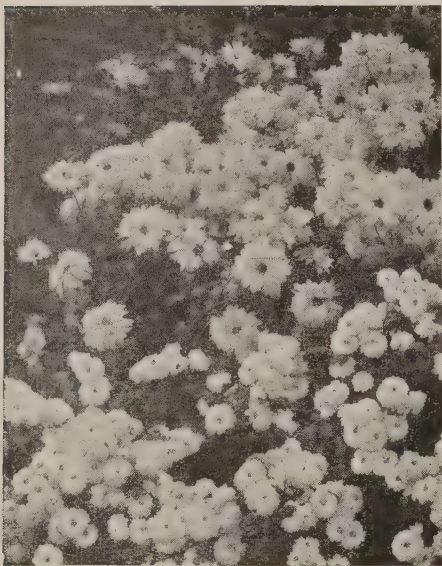
## ★Aubrietia

### Rainbow Rock-Cress

**Leichtlini rosea.** A hybrid with lively rose-colored flowers. Each 60c.; 3, \$1.35; doz. \$4.00.

## ★Cerastium • Snow-in-Summer

**Tomentosum.** Pure white flowers and silvery foliage. A compact grower and fine for the rock-garden. Each 60c.; 3, \$1.35; doz. \$4.00.



Hardy Chrysanthemums

### Hardy Varieties

Our 3-inch pot-plants are ready around May 15. These plants will give a wealth of color in the garden through September and October.

### SUPER-HARDY BRISTOL INTRODUCTIONS FOR 1945

We take pleasure in offering these new varieties of hardy Chrysanthemums, selected and tested for their hardiness, that survive the cold of New England winter with reasonable protection.

**Apricot Glow.** This, the first of the Cushion-type Mums to show color, brings a new degree of quality to this popular group. The amazingly prolific plants are covered with shapely, high-centered, 2½-inch double blooms, rich apricot-bronze in color, from the middle of August until killing frost. Height, 18 inches with a spread up to 3 feet the first year. It is a dense plant, symmetrical yet informally graceful. Each 75c.; doz. \$7.50.

**Fireglow.** Brilliant Chinese red, semi-double flowers 2 inches or more across appear in early September. From then on, the plant is a grand bit of color. Even the older flowers are attractive in their bronzy red tones. It is a shapely, compact, 18-inch plant, extremely hardy and trouble free. Good for cut-flowers; fine for garden color. Each 75c.; doz. \$7.50.

**Magnolia.** Clean-cut, large, shapely, high-centered, very double blossoms of unusual texture, averaging 4 inches across and produced in generous clusters about mid-September. From then on, the plant is covered with buds and flowers. Color is pink shading to creamy pink with a dainty soft yellow overcast. The stocky plants average 2 feet in height, and require no staking or special attention. Bred from Nipponicum, this variety is distinct from any other sort and instantly appeals to everyone. Cuts very nicely. Each 75c.; doz. \$7.50.

**Pink Radiance.** From late September on, plants are an exuberant mass of color, carrying hundreds of blossoms 3 inches or more across. The color, luminous pink, with soft pink at the center, is unlike any other and holds well. Like its namesake, the Radiance rose, it is sure to become a favorite garden variety. Height, 2½ feet with equal spread. Each 75c.; doz. \$7.50.

## Chrysanthemums

Chrysanthemums are the glory of the garden. Their easy culture, vigorous growth, freedom of bloom, wide range of forms, and gorgeous colors have made them an outstanding favorite. They are not only decorative in the garden, but are equally attractive in the home. Their vivid, sparkling colors add a light note to your home color effect.

### Large Double-flowered Varieties

**Avalanche.** One of the best all-round white Chrysanthemums.

**Betty.** Midseason, long-stemmed plants with enchanting double blooms of apple-blossom-pink.

**Burgundy.** Rich cerise-crimson with deeper center. Double Korean type.

**Burma.** Glistening bronze with soft orange tints and coppery overtones—a lovely unique blend impossible to describe accurately. The plant is vigorous but compact and branching in habit, with lusty green foliage. It blooms profusely from late September on through the season. Each 75c.; 3, \$2.00; doz. \$7.25.

**Chippewa.** A sensational new giant early-blooming hardy Chrysanthemum produced by the University of Minnesota. Crimson with a purple sheen. 3, \$2.25; doz. \$8.25.

**Cydonia.** Double flowers of a brilliant orange-mahogany. One of the brightest in our collection.

**Eugene A. Wander.** Large double, glistening golden yellow.

**Gold Treasure.** This deep golden yellow Mum is a natural for cut-flowers. Its blooms are large and bright, full double. 2½ inches across, on tall, long-stemmed plants 2 feet high. Early October.

**Jean Treadway.** The well-known lovely pink; very reliable.

**King Midas.** A very strong, free-flowering, early-blooming double Korean variety with light yellow flowers sometimes lightly blended with bronze.

**Lavender Lady.** One of the newest double Koreans. Vigorous plants producing a great abundance of double, delicate lavender flowers.

**Mandarin.** Coral-salmon and bronze blended to make a very attractive flower. The plant is compact but the blooms are carried on stiff, wiry stems.

**Mme. Chiang Kai-Shek.** Patent pending. A new Chrysanthemum. Beautifully formed flowers, fully double, composed of stiff petals able to withstand any and all bad weather. We consider it the finest in our collection, if not the best in the country. A magnificent plant, in full flower in September. The color is excitingly lovely, a blending of chrome-yellow, cadmium-yellow, and old-gold that simply glows when the long-lasting flowers are under artificial light. Each \$1.00; 3, \$2.75; doz. \$8.50.

**Mrs. Pierre S. du Pont III.** The Nation's favorite bronze. No double Chrysanthemum compares with this truly magnificent creation. Each 60c.; 3, \$1.50; doz. \$5.50.

**Rapture.** Orange and carmine—a glorious blend.

**Red Velvet.** A new crimson beauty. The shapely, full, double flowers, medium in size, are carried erect on good stems. The color—velvety crimson when opening—changes to an even dark crimson, remaining attractive for a remarkably long period. Each 75c.; 3, \$2.00; doz. \$7.25.

**Rose Glow.** Dwarf, lovely raspberry-rose-pink blossoms in glorious profusion from September on. Fine combined with soft yellow.

**Sequoia.** Elegant good-sized double blooms of a mellow amber color.

**Silver Ball.** A large clear white, incurved type. Hardy.

**Symphony.** Mauve-rose overcast with soft coppery tints.

**Theresa.** A new introduction. Coppery orange, a real fall color for the garden.

All preceding varieties, except where noted, 3, \$1.15; doz. \$4.00

### Single-flowered Varieties

**Acacia.** Glittering yellow. Free flowering.

**Apollo.** Bronze-red and old-gold.

**Lovelight.** Large, pale pink, duplex flowers on a vigorous plant.

**Orange Glow.** Lovely glowing orange.

**Pink Charm.** Glowing pink. An ideal cut-flower.

**Saturn.** Sparkling orange and bronze.

**Sensation.** Red with a golden center—a pleasing color combination.

**Silver Moon.** This gleaming white Chrysanthemum has a warmth and intensity that is entirely new. Mild sweet fragrance and attractive, contrasting dark green foliage. A fine lusty 2½-foot plant producing flowers from September on, equal to the finest greenhouse product, yet unusually frost resistant.

**The Chief.** Scarlet flowers with yellow reverse petals.

All above varieties, 3, \$1.15; doz. \$4.00

### Pompon and Button Varieties

**Ermalinda.** A popular light violet.

**Ethel.** Lovely bronze-red.

**Goblin.** Warm goblin-bronze.

**Harbor Lights.** Pompon. Soft yellow and creamy white tints mingle to create a luminous, sparkling effect. September 20. Each 75c.; 3, \$2.00; doz. \$7.25.

**Irene.** Clear white Pompon.

**Judith Anderson.** Buttercup-yellow. Habit strong and spreading.

**Mandalay.** The recent introduction of better pompons is responsible for a new wave of popularity in this small-flowering type. Mandalay will prove a valuable contribution. Brilliant orange bronze blooms, ideal for cutting. October 1. Each 75c.; 3, \$2.00; doz. \$7.25.

ALL PRICES SUBJECT TO MARKET CHANGES

# Northland and Shasta Daisies should have an important place in your garden

## Pompon and Button Chrysanthemums, continued

**Mary Pickford.** A clear white Button variety.

**Pigmy Gold.** Golden yellow blooms slightly over 1 inch across. A distinct Korean.

**Ruby.** Splendid Pompons of ruby-crimson in large sprays on upright plants. Early October. Each 75c.; 3, \$2.00; doz. \$7.25.

**Treasure Trove.** Very hardy yellow Pompon.

All above varieties, except where noted, 3, \$1.15; doz. \$4.00

## Cushion Varieties

**Dean Kay, Improved.** Double rose-pink.

**Dean Ladd.** Reddish bronze.

**King Cushion.** Coppery bronze.

**Lavender Lassie.** A counterpart of the ever-popular Lavender Lady, but in the smaller Pompon form. Low cushion-like habit of growth.

**Marjorie Mills.** Deep crimson shaded and burnished chestnut-crimson, later becoming suffused with rose and bronze tints. The ideal cushion variety for a border effect planted 2 feet apart in the row; height 18 inches. Late September. Above 2 varieties, each 75c.; 3, \$2.00; doz. \$7.25

**My Lady.** Orange-yellow. Very early.

**Queen Cushion.** White, occasionally shaded lavender.

**September Bronze.** Golden bronze.

**September Cloud.** White.

**September Gold.** Brilliant golden yellow blossoms, remarkably free and colorful. Each 75c.; 3, \$2.00; doz. \$7.25.

Except where otherwise noted,

Separate colors, 3, \$1.15

In doz. lots, 3 each of 4 colors \$4.00

## Spoon Varieties

This new race of Chrysanthemum is a distinct addition to American gardens. The uniquely formed, graceful, tubular petals are flattened at the tips to resemble a spoon—hence the name.

See colored illustration 2nd cover

**Golden Spoon**  
**Jasper Spoon**  
**Orchid Spoon**  
**Pink Spoon**

**Rose Spoon**  
**White Spoon**  
**Yellow Spoon**

Separate colors, 3, \$1.15

In doz. lots, 3 each of 4 colors \$4.00

## Chrysanthemum maximum

### Shasta Daisies

The Shasta Daisies are among the most desirable of all cut-flowers. The long-stemmed flowers are very lasting when cut.

**Alaska.** A standard variety. Free flowering. Each 60c.; 3, \$1.35; doz. \$4.00.

**Chiffon.** A daintily frilled Shasta which grows about 1½ feet high. Its flowers are formed by a double row of narrow petals, frilled and flared at the edges. The center is clear yellow and the flower is about 3 inches in diameter. Each 75c.; 3, \$1.50; doz. \$5.50.

**Esther Reed.** A new, double, snow-white Shasta Daisy that grows 15 to 18 inches tall and blooms freely throughout the summer. Flowers are about 4 inches across and full double from the center out. Each 60c.; 3, \$1.50; doz. \$5.50.

## Chrysanthemum maximum, continued

**Marconi.** A novelty with extra-large double flowers about 5 inches across. Our stock has been propagated from divisions of the true stock. Each 75c.; 3, \$2.00.

**Mount Shasta.** A beautiful pure white, high-crested, full double Shasta Daisy with a double row of overlapping petals 4 inches in diameter. 20 to 24 inches long. Excellent for cutting and show garden. Each 75c.; 3, \$2.25; doz. \$8.00.

## Northland Daisies THE HARDY CHRYSANTHEMUM

The color-range of these new hybrids is particularly pleasing. The unusually large blooms are borne in clusters averaging 2 to 2½ feet. The name Northland Daisy suggests their Arctic hardiness. Plant them now to make gay masses of color in the autumn garden.

**Brunnhilde.** Buff-bronze. Unusually attractive, finely cut foliage.

**Igloo.** White. A perfect mound of white flowers with yellow centers, resembling an Eskimo igloo.

**Kristina.** Rose-pink. Red buds open to an unusual shade of extremely deep rose-pink.

**Rheingold.** Golden bronze. An attractive flower with abundant, closely set petals.

**Siegfried.** Sulphur-yellow. Flowers larger than the other varieties.

**Solveig.** Pink. Vigorous plant with lovely, clear rose-pink flowers.

**Viking.** Orange-red blooms with occasional semi-double flowers.

3 each of one variety \$1.15

1 each of 7 varieties \$2.25

3 each of 7 varieties \$6.50

## Campanula • Bellflower

### PERENNIAL VARIETIES

★**Carpatia.** Carpathian Harebell. A pretty, compact-growing variety with clear blue flowers on erect, wiry stems from July until Oct.

★**Carpatia alba.** Pure white form of the above.

★**Garganica.** Forms a low, spreading tuft, covered in June with star-shaped light blue flowers having white eyes.

★**Muralis.** Midsummer-blooming Campanula with masses of purple-blue, bell-shaped flowers on 4 to 6-inch stems.

**Persicifolia humosa.** We are pleased to introduce this rare double form of the Peach Bell Campanula. Perfectly hardy, it yields a continuous mass of large blue cups during May, June, and July. 3, \$1.50; doz. \$5.50.

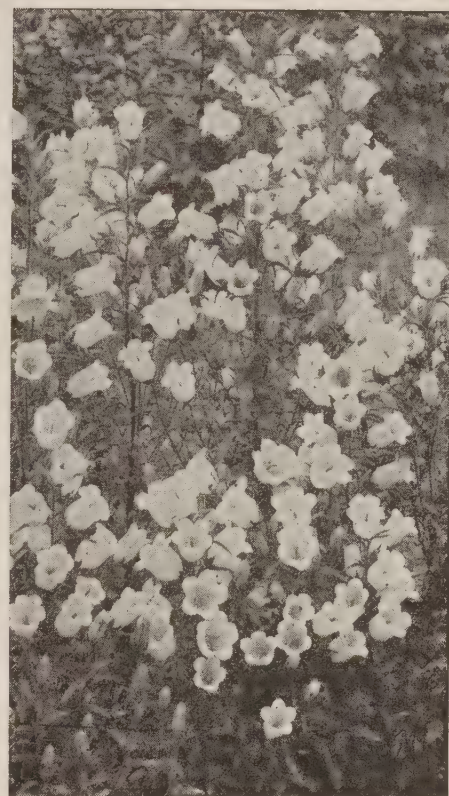
**Persicifolia Moerheimi.** Large spikes of pure white, double, camellia-like flowers, 2 to 2½ inches in diameter. Blooms from the middle of May until late in July. 2 ft. 3, \$1.50; doz. \$5.50.

**Pyramidalis.** Chimney Bellflower. The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high of porcelain-blue flowers in August.

**Rotundifolia, Purple Gem.** A more free-flowering type. Nov.

**Telham Beauty.** Our stock is true, from imported plants, producing large single flowers of exquisite China-blue through July. 3, \$1.50; doz. \$5.50.

All Campanulas, except where noted, each 60c.; 3, \$1.35; doz. \$4.00



Campanula Medium

## Campanula, continued BIENNIAL VARIETIES

**Medium.** Canterbury Bells.

**Medium, Single Blue.**

**Medium, Single Pink.**

**Medium, Single White.**

**Medium, Double Blue.**

**Medium, Double Pink.**

**Medium, Double White.**

**Medium calycanthema.** Cup and Saucer.

**Blue, Pink, White.**

All of the above Campanulas, 3 of one color and type \$1.35; doz. \$4.00

## Coreopsis

★**Auriculata nana.** A compact, dwarf form producing deep golden orange flowers on stems 8 to 10 inches high, from May until fall. 3, \$1.15; doz. \$4.00.

**Golden Shower.** A new introduction chosen for its freedom of bloom throughout the summer. Delicate star-like brilliant yellow blossoms. Graceful foliage. 18 to 24 in. 3, \$1.15; doz. \$4.00.

**Lanceolata grandiflora.** Flowers rich golden yellow, of graceful form, making them fine for cutting. June till Oct. 3, \$1.15; doz. \$4.00.

**Sunburst Improved.** Unusually large double flowers on long stems, fine for cutting. 3, \$1.20; doz. \$4.50.

## Digitalis • Foxglove

**Giant Shirley, Mixed.** These are a genuine Shirley production of extraordinary size and vigor. The flower-heads are over 3 feet long, crowded with large, bell-shaped blossoms, ranging in color from white and shell-pink to deepest rose. Each 60c.; 3, \$1.15; doz. \$4.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Funkia (Plaintain Lily)

### Dianthus • Pinks

**Barbatus.** See *Sweet William*.

**Beatrix.** Light salmon-pink. May–Nov.

**Bobbie.** A deep pink gem.

**Casius.** Cheddar Pink. (*True.*) Compact cushions of blue-gray foliage with sweetly scented rose-pink flowers during May and June. 3, \$1.15; doz. \$4.00.

**Little Joe.** A delightfully fragrant compact plant with vivid red flowers.

**Old Spice.** Plant Patent 499. Carnation-like salmon-pink flowers, clove-scented. Each 60c.; 3, \$1.35; doz. \$5.00.

**Purity.** A pure white.

**Tiny Rubies.** The miniature plants produce carnation-like flowers on stems 4 to 5 inches high. In full sun the color is pink; with partial shade it approaches rose. It is a "must" for your rock-garden.

All *Dianthus*, except where noted,  
3, \$1.20; doz. \$4.25

### Dicentra (Dielytra)

★**Eximia.** Fringed Bleeding-Heart. A dwarf-growing variety with beautiful finely cut foliage and showy pretty pink flowers. Each 60c.; 3, \$1.15; doz. \$4.00.

**Spectabilis.** Bleeding-Heart; Seal Flower. Its long sprays of graceful, heart-shaped flowers are always attractive. Each 75c.; 3, \$1.50; doz. \$5.50.

## Michell's Modern Hybrid Delphiniums

In every garden of distinction you will find a generous use of Modern Delphiniums.

They are majestic in the towering splendor of their perfect spikes, in their range of exquisite blues, purples, and mauves.

The plants we offer are carefully selected seedlings of the English Prize-winning Strains checked as to type, while in bloom.

**Pacific Giants.** This new strain, developed in California, carries a fine range of colors and the structure of the best foreign varieties. Our plants have been grown from the originator's own stock. Strong plants. 3, \$2.25; doz. \$8.00.

ALL PRICES SUBJECT TO MARKET CHANGES

## Michell's Pacific Giants Delphiniums, Hollyhock Strain

A welcome innovation is the following offer of the Hollyhock Delphiniums, released in four separate color groups. These plants are grown from the identical strain which comprises our well-known Named Delphiniums. The plants are all heavy, field-grown.

**Light Shades, Mauve Shades, Intermediate Shades, Dark Shades, or Mixed.** 3, \$3.75; doz. \$14.50.

### Standard Hardy Delphiniums

**Belladonna.** The clear turquoise-blue of its flowers is not equaled for delicacy and beauty by any other flower. Each 60c.; 3, \$1.15; doz. \$4.00.

**Belladonna, Improved Cliveden Beauty.** A magnificent strain of the pure blue Delphinium, producing long spikes during June–July, and in the fall. Each 60c.; 3, \$1.20; doz. \$4.50.

**Bellamosum.** A dark blue form of *Belladonna*, with which it is identical except in color, which is a rich deep blue. Each 60c.; 3, \$1.20; doz. \$4.50.

**Chinensis.** A very pretty variety with fine fern-like foliage and intense gentian-blue flowers in open panicles. Each 60c.; 3, \$1.15; doz. \$4.00.

**Chinensis grandiflorum, Blue Mirror.** A sensationally beautiful dwarf blue Delphinium resembling the Chinese forms, but the flowers are flat saucers of aquamarine without spurs. The habit is compact, forming neat 18-inch bushlets and the sprays are produced in endless profusion from early May until frost. This is a true perennial and is exceedingly hardy, wintering successfully at low temperatures of 16 below zero. A true joy for every garden. Each 60c.; 3, \$1.25; doz. \$4.50.

**Chinensis, Mother of Pearl.** A pale silvery pink companion. Also spurless. Very chaste and lovely. 3, \$1.25; doz. \$4.50.

### Michell's Gold Medal Hybrids, Mixed.

The plants are of strong, vigorous habit, with large flowers on long spikes. Each 60c.; 3, \$1.15; doz. \$4.00.

**Paramount Hybrids.** These are also selections from our Hollyhock strain but can be supplied in mixed colors only. Each 75c.; 3, \$1.50; doz. \$5.50.

### Doronicum • Leopards-Bane

**Bunch of Gold.** Canary-yellow sun discs on 2-foot stems. May, June.

**Excelsum.** A very showy, daisy-like flower of clear bright yellow, excellent for cutting. Blooms in April and May.

All *Doronicums*, each 60c.; 3, \$1.15; doz. \$4.00

### Eupatorium

**Celestinum.** A pretty hardy plant with light blue flowers similar to *ageratum*. Flowers in September. Each 60c.; 3, \$1.15; doz. \$4.00.

### Fuchsia

**Magellanica.** This most interesting shrub has proved to be perfectly hardy. The ruby-red, pendulous flowers are produced by the hundreds. Each 75c.; 3, \$1.50; doz. \$5.50.

**Riccortoni, Scarlet Beauty.** This improved variety of hardy Fuchsia is of upright habit and blooms freely during the entire summer. While it will stand full sunlight, it will reach perfection in semi-shade. The four sepals are deep purple, the corolla bright ruby-red. Requires some protection north of Philadelphia. Each \$1.00; 3, \$1.95; doz. \$7.00.

## Funkia (Hosta)

Plantain Lily; Day-Lily

**Subcordata grandiflora.** Very large, pure white, lily-shaped, fragrant flowers. 2½ to 3 ft. Aug., Sept. Each 60c.; 3, \$1.20; doz. \$4.25.

**Undulata media picta.** Green and white variegated foliage. Purple flowers. 2 ft. July. Each 60c.; 3, \$1.15; doz. \$4.00.

### Gaillardia • Blanket Flower

**Grandiflora.** Dark brown center, surrounded with a rich orange disc; petals on outer edges yellow. 3, \$1.15; doz. \$4.00.

**Mr. Sherbrook.** The full, circular flowers are of rich golden yellow with a pale yellow center, unstained by any other color.

**Ruby.** This is a brilliant red with no trace of yellow or brown in its make-up. Blooming all summer, as do few other perennials.

**Sun God.** This glorious Blanket Flower never fails to attract attention. Pure golden yellow.

All *Gaillardias*, except where noted,  
3, \$1.20; doz. \$4.25

### ★ Geum • Avens

**Borisi.** Forms neat foliage tufts with many branched stems 8 to 12 inches high, covered with large, vivid orange-scarlet flowers from May to October.

**Fire Opal.** Dazzling rich scarlet flowers with orange sheen, often measuring 3 inches in diameter. Very free flowering. May–Oct.

**Princess Juliana.** An excellent new hybrid with large, double, pure orange flowers on stout stems. Early. June–Oct.

All *Geums*, each 60c.; 3, \$1.50; doz. \$5.50

### Gypsophila • Baby's Breath

**Bristol Fairy.** A wonderful improvement over *G. paniculata fl.-pl.* It is a distinct new form, producing immense panicles of pure white, double flowers very early in the season and continuing until frost. Each 60c.; 3, \$1.50; doz. \$5.50.

**Oldhamiana.** Abundant masses of white flowers delicately tinted pink. In bloom from August until late fall. 3½ ft. Each 60c.; 3, \$1.50; doz. \$5.50.

**Paniculata.** Feathery sprays of white flowers. Useful for effects in bouquets. Each 50c.; 3, \$1.00; doz. \$3.50.

★**Repens.** Beautiful trailing plant for the rockery, with clouds of small white and pink flowers during July and August. Each 50c.; 3, \$1.20; doz. \$4.25.

### Helianthus

Hardy Sunflower

**Coronation.** Double yellow flowers, 4 inches across, with anemone centers. 4 to 5 ft. All summer. Each 50c.; 3, \$1.25; doz. \$4.50.

**Loddon Gold.** Full, double yellow flowers on long stems. All summer. 4 to 5 ft. Fine for cutting. Each 50c.; 3, \$1.25; doz. \$4.50.

**Multiflorus fl.-pl.** Large, double, golden yellow flowers. 4 ft. July, Aug. Each 50c.; 3, \$1.15; doz. \$4.00.

### Heliopsis

The *Heliopsis* are free blooming, long lasting as cut-flowers, easy to grow, and endure hot, dry conditions admirably.

**Incomparabilis.** The flowers are a rich golden yellow, nearly double, and over 3 inches in diameter. In flower continuously from July until autumn. Each 50c.; 3, \$1.15; doz. \$4.00.

**Patula.** Deep golden blooms, 4 inches across, produced from June until hard frost. 3 ft. Each 60c.; 3, \$1.50; doz. \$5.50.

# HEMEROCALLIS • Daylily

The hybridizers have wrought wonders with the old-fashioned Daylily. The improvements include a wider color-range, an extended period of bloom, larger flowers, and sturdier plants. What is more, Hemerocallis are amazing in their adaptability; they are extremely hardy

and will thrive under the most ordinary conditions, blooming in full sun or partial shade. Their vigor is especially evident in dry seasons and insect pests have little effect on them.

## New Giant-Flowering Hybrids

**Apricot.** Apricot-yellow. 2 ft. May, June. Each 50c.; 3, \$1.25.

**August Pioneer.** Chrome-orange blooms of medium size. Especially valuable for its late period of bloom—early August through September. 2½ ft. Each \$1.25; 3, \$3.50.

**Bagdad.** Large flowers borne on plants of considerable height; coppery red petals with orange throat. 5 ft. July. Each \$1.50.

**Boutonniere.** Flourishing clusters of small flowers. The throat of each is orange-yellow with darker petals. 2½ ft. Aug., Sept. Each 75c.; 3, \$2.00.

**Curly Pate.** Medium-sized yellow, cup-shaped flowers with petals curled at the ends. 4½ ft. Each 50c.; 3, \$1.25.

**Dauntless.** Large blooms of pale yellowish orange with a pastel blending. Each \$1.00; 3, \$2.75.

**Dazzler.** Fair-sized deep yellow blooms. 3 ft. Late May, June. Each 50c.; 3, \$1.25.

**D. D. Wyman.** Golden yellow with tawny splashes. 3 ft. Late June, July. Each 50c.; 3, \$1.25.

**Dover.** Large; clear orange. 4 ft. June, July. Each 50c.; 3, \$1.25.

**Enchantress.** Large flowers of pleasing soft yellow, deepening to copper-gold, with slight pink flush. 4 ft. July, Aug. Each \$1.25; 3, \$3.50.

**Flavina.** Lemon-yellow flowers of medium size. 2½ ft. Late June. Each 75c.; 3, \$2.00.

**Fulva maculata.** Unusually large blossoms of coppery orange, shaded crimson. 4 ft. July, Aug. Each 75c.; 3, \$2.00.

**Fulva rosea.** Fulvous rose with a red zone and yellow shading at the base. A choice variety of subtle color. 3 ft. July, Aug. Each \$2.50.

**George Yeld.** Distinctly large; the outer petals are rich orange-yellow and the inner flushed with rose. 4 ft. July, Aug. Each \$1.00; 3, \$2.50.

**Gloriana.** Large; clear orange 3 ft. June. Each 75c.; 3, \$2.00.

**Golden Dream.** Large, deep golden yellow flowers. 3 ft. July, Aug. Each \$1.00; 3, \$2.50.

**Goldeni.** Deep golden orange; attractive in form; very free-flowering. 2 ft. Late June to Aug. Each 50c.; 3, \$1.25.

**Gypsy.** Striking deep orange coloring; greatly admired in our garden. 3 ft. July, Aug. Each 50c.; 3, \$1.25.

**Hyperion.** One of the most popular varieties—pale canary-yellow. 3½ ft. July. Each \$1.25; 3, \$3.50.

**Imperator.** A distinct variety with rich orange-red coloring. 4 ft. July, Aug. Each 75c.; 3, \$2.00.

**J. R. Crawford.** Clear gold. 4 ft. Each 60c.; 3, \$1.50.

**J. R. Mann.** Golden yellow. 2½ ft. July, Aug. Each 50c.; 3, \$1.25.

**Lemona.** Medium-sized blooms of lemon-yellow. 4 ft. July, Aug. Each 50c.; 3, \$1.25.

**Linda.** The crinkled petals are golden yellow with cinnamon markings. 3½ ft. July, Aug. Each \$1.50; 3, \$4.00.

**Mandarin.** Unusually tall and especially lovely in the evenings is this lemon-yellow variety for late summer. 5 ft. Aug. Each 50c.; 3, \$1.25.

**Mikado.** A glamorous combination—orange with a mahogany-red spot on each petal. Occasionally blooms in the fall. 3 ft. June, July. 75 cts. each; 3, \$2.00.

**Modesty.** Palest yellow; amazing in size. 4 ft. June. Each 50c.; 3, \$1.25.

**Mrs. A. H. Austin.** The cup-shaped deep orange-yellow blooms are of medium size; most attractive. 2½ ft. Aug. Each \$1.00; 3, \$2.50.

**Mrs. W. H. Wyman.** Best described as pale glistening yellow. 3½ ft. Aug. Each 50c.; 3, \$1.25.

**Ophir.** Its rich golden yellow coloring has made this a favorite variety. 4 ft. July. Each 75c.; 3, \$2.00.

**Pale Moon.** Soft yellow; a favorite of ours. 4 ft. Each \$1.00; 3, \$2.50.

**Patricia.** Glistening yellow with a greenish throat. Truly an achievement in Daylily hybrids. 3½ ft. Each \$1.50; 3, \$4.00.

**Rajah.** Orange-red blooms with garnet-brown eye markings and pale orange throat. 3½ ft. July, Aug. Each \$1.50; 3, \$4.00.

**Serenade.** A subtle pastel combination of yellow and pink with petals that are twisted and crinkled. 4 to 5 ft. June, July. Each \$1.50; 3, \$4.00.

**The Gem.** An unusually popular yellow variety; large size. 3 ft. July, Aug. Each 50c.; 3, \$1.25.

**Wau-bun.** The large, light yellow flowers are sprinkled with traces of red, and the petals of this unusual hybrid are slightly twisted. 2½ ft. June, July. Each \$1.50; 3, \$4.00.

We offer two collections of these lovely Daylilies: A. for the Flower Border of 3-foot width; B. for the wider Flower Border up to 5 feet.

### COLLECTION A

6 varieties growing 1½ to 3 ft.

<b>Boutonniere</b>	<b>Gloriana</b>
<b>Dauntless</b>	<b>Golden Dream</b>
<b>Flavina</b>	<b>Wau-bun</b>

**SPECIAL OFFER . . . . \$5.00**  
(Value \$5.75)

### COLLECTION B

6 varieties growing 3 to 5 ft.

<b>Bagdad</b>	<b>Patricia</b>
<b>Enchantress</b>	<b>Rajah</b>
<b>Hyperion</b>	<b>Serenade</b>

**SPECIAL OFFER . . . . \$7.50**  
(Value \$8.50)

ALL PRICES SUBJECT TO MARKET CHANGES



Hemerocallis (Daylily)



*Liatris scariosa alba* (Gayfeather)

## \*Heuchera

### Alum-Root, Coral Bells

**Rosamonde.** Pleasing coral-pink flowers on long stems. 2 ft. June-Sept.

**Sanguinea, Pluie de Feu.** Exceedingly bright fiery red flowers in loose, elegant, graceful spikes. 1½ ft. June, July.

**Sanguinea Hybrids.** A wonderful range of colors from white through the various shades of pink to deepest red.

All Heucheras, each 60c.; 3, \$1.15; doz. \$4.00

## Hibiscus • Mallow

**Giant-flowering.** A wonderfully improved form of our greatly admired Marsh Mal-lows. Beautiful lacinated foliage and monstrous flowers. We offer these in separate colors: Pink, Red, and White. Each 60c.; 3, \$1.15; doz. \$4.00.

## Hollyhocks

**Double.** Our strain of these is very fine, and we offer them in separate colors only: Yellow, Crimson, Pink, and White. Each 50c.; 3, \$1.20; doz. \$4.25.

**Single, Mixed.** They are of stronger growth than the double-flowering type and consequently make a better showing. We can supply these in mixed colors only. Each 50c.; 3, \$1.15; doz. \$4.00.

## \*Iberis • Hardy Candytuft

**Little Gem.** A perfect gem of very dwarf habit, not over 6 inches high, with masses of white flowers in May.

**Sempervirens.** Dwarf. Pure white flowers in June. Its uniform neat habit makes it one of our best rock or edging plants.

All Iberis, each 60c.; 3, \$1.15; doz. \$4.00

ALL PRICES SUBJECT TO MARKET CHANGES

## Iris Germanica • Fleur de Lis

**Alta California.** The tallest of all the new yellow Iris. Yellow Iris have long been recognized as being the "spark" that brings out the fullest beauty of any Iris garden and Alta California serves this purpose to perfection. 3, \$1.15; doz. \$4.00.

**Always.** Rosy bronze and ivory. 38 in. Each \$1.50; 3, \$4.25; doz. \$15.00.

**Belmont.** Ruffled; clear blue. 40 in. Each \$1.00; 3, \$2.75; doz. \$10.00.

**Beuchley's Giant.** Early. An Iris giant in size and height and one of the ten largest and best. Huge brilliant flowers of perfect form in a soft to medium blue effect. 3, \$1.15; doz. \$4.00.

**Burning Bronze.** Reddish bronze. Each 50c.; 3, \$1.25; doz. \$4.75.

**Coppersmith.** A very tall and robust-growing Iris. Not a new variety but worthy of a place in the garden because of its freedom of bloom, large rich copper-bronze flowers, and good foliage. 3, \$1.15; doz. \$4.00.

**Coronet.** Blended self of golden tan. Each \$1.00; 3, \$2.75; doz. \$10.00.

**Indian Chief.** Early. Without a peer among the medium tall reds of its color shade and blooms earlier than most when good red Iris are scarce. 32 in. 3, \$1.15; doz. \$4.00.

**Jean Cayeux.** A smooth soft light buff described as "coffee-colored." Tall and very stately. 36 in. Each 50c.; 3, \$1.25; doz. \$4.75.

**Jelloway.** A sensational yellow. Very choice Each 50c.; 3, \$1.25; doz. \$4.75.

**Los Angeles.** The whiteness of fresh snow with a faint edge of lavender. 40 in. 3, \$1.15; doz. \$4.00.

**Meldoric.** A colossal blue-black. 40 in. Each 50c.; 3, \$1.25; doz. \$4.75.

**President Pilkington.** Midseason. Large, bold bloom. Well branched. Many buds to stalk and medium tall. Standards vineaceous buff underlaid old-gold. 40 in. Each 50c.; 3, \$1.25; doz. \$4.75.

**Venus de Milo.** Gigantic new white. Considered by many as the best white. A perfect flower in every way. 36 in. 3, \$1.15; doz. \$4.00.

**William Mohr.** Early. Most orchid-like of all Iris, this unusual hybrid is the most distinct variety grown. The ground color is pale lilac, standards flushed darker. 20 to 24 in. 3, \$1.15; doz. \$4.00.

**Zulu.** A fine blue-purple. 3, \$1.15; doz. \$4.00.

## Fall Bloomers

When these are established in your garden, they will give you bloom in the spring and again in the fall. No garden should be without some of them.

**Autumn Dawn.** Gold and pink.

**Autumn Haze.** Large; violet-purple.

**Autumn King Junior.** Blue and lavender bicolor.

**Frost Queen.** Good dependable white.

**October Blaze.** Large; red-purple.

**Surefire.** Light yellow.

All above Irises, each 45c.; 3, \$1.25; doz. \$4.75

## Iris Sibirica

**Cæsar's Brother.** A stately plant, not too tall (30 in.). It is the best of the entire lot of dark blue Siberian Irises. Honorable Mention by the American Iris Society.

**Perry's Blue.** A worth-while variety with very large, clear blue flowers on long stems.

**Snow Queen.** Pure white. 2 ft.

All Iris Sibirica, each 60c.; 3, \$1.75; doz. \$6.00

## Iris Kaempferi

**Astarte.** Beautiful double dark violet; good strong grower. It is a valuable variety for the reason that it flowers about 2 weeks after most of the others are through, thus lengthening the Iris season.

**Betty F. Holmes.** Large double pure white flowers with lemon-yellow midribs. Foliage is a striking deep green and very graceful.

**Gold Bound.** Double; creamy white with gold band through each petal.

**Jeanette Parry.** A large single flower with white falls, delicately veined soft blue, tiny mulberry-purple standards. Grows to a height of 30 inches.

**Lucia Marshall.** A fine large double pansy-violet with white veins; center of flower white with yellow spots.

**Mahogany.** Large double blooms of purple-mahogany-red. Late.

**Melpomene.** Semi-double; red with heavy white veins; stigmas cream, edged with violet-rose.

**Repsime.** Giant double light blue flowers with white margins; stigmas ivory. A most unusual and attractive effect.

**Rose Anna.** Double; ivory-white with heavy ruby-red veins and conspicuous yellow blotch; stigmas dark plum.

All Iris Kaempferi, each 60c.; 3, \$1.75; doz. \$6.00

## \*Iris Pumila Hybrida

An early-flowering type, growing from 10 to 12 inches high.

**Cyanea.** Rich royal purple. 10 in.

**Excelsa.** A splendid soft lemon-yellow flower of graceful form. 10 to 12 in.

**Schneekuppe.** Pure white. 8 in.

All Iris pumila hybrida, each 60c.; 3, \$1.35; doz. \$5.00

## Lavandula • Lavender

**Vera.** The true Sweet Lavender with delightfully fragrant blue flowers in July and August. Each 50c.; 3, \$1.50; doz. \$5.00.

**Vera rosea.** Novelty. Similar in habit to *L. vera* but the blooms are a delicate silvery pink. Each 75c.; 3, \$2.10.

**Vera, Twinkle Purple.** Plants are compact and well formed. A delightful border or edging plant. Each 50c.; 3, \$1.50; doz. \$5.00.

## Liatris • Blazing Star; Gayfeather

**Pycnostachya.** Showy, attractive native plants, succeeding anywhere, and producing spikes of light rosy purple flowers in July and August. 5 ft. Each 60c.; 3, \$1.50; doz. \$5.00.

**Scariosa.** Deep purple flowers. 3 to 4 ft. Each 60c.; 3, \$1.50; doz. \$5.00.

**Scariosa alba.** A white variety of this beautiful and unusual species. The showy white spikes create a most striking effect. Each 75c.; 3, \$1.65; doz. \$6.00.

**September Glory.** It is very showy, the purple flowers being produced on extra-long spikes during late August and September. Each 75c.; 3, \$1.65; doz. \$6.00.

## \*Linum • Flax

**Flavum, Improved.** Golden yellow flowers produced freely from early May on.

**Perenne.** Light, graceful foliage and large blue flowers all summer.

All Linum, each 60c.; 3, \$1.50; doz. \$5.00

## Lobelia

**Cardinalis.** Cardinal Flower. Rich fiery cardinal flowers. 2 to 3 ft. Each 60c.; 3, \$1.50; doz. \$5.00.

## Lythrum

**Morden's Pink.** An outstanding new perennial from Canada. Masses of rose-pink flowers on narrow spikes. It blooms freely and continuously from June to September. Requires only average good garden soil—does well in sun or part shade. Excellent for cutting. 2 to 2½ ft. Each 65c.; 3, \$1.75; doz. \$6.50.

**Salicaria roseum superbum.** Rose Loosestrife. A strong-growing plant, thriving in almost any position. Large spikes of rose-colored flowers. July to Sept. Each 60c.; 3, \$1.50; doz. \$5.00.

## Matricaria • Feverfew

**Little Gem.** Pure white, double flowers, fine for cutting. 1 ft. July, Aug. Each 50c.; 3, \$1.35; doz. \$4.00.

## Monarda • Bergamot

**Didyma, Cambridge Scarlet.** Oswego Tea. Crimson-scarlet. Each 50c.; 3, \$1.15; doz. \$4.00.

## \*Myosotis • Forget-Me-Not

**Palustris semperflorens.** Perpetual-flowering Forget-Me-Not. Blue with yellow throat. 9 in. Each 50c.; 3, \$1.15; doz. \$4.00

## \*Nepeta • Catnip

**Mussini.** A compact grower forming tufts of small violet-blue flowers during July and August. Each 60c.; 3, \$1.15; doz. \$4.00.

**Six Hills Hybrids.** Masses of strong lavender-blue flowers in late August. Each 60c.; 3, \$1.50; doz. \$5.50.

**Souv. d'Andre Chaudron.** Large, rich lilac-blue flowers June to September. 1 ft. Each 60c.; 3, \$1.15; doz. \$4.00.

## Oenothera • Evening Primrose

**Illumination.** A new everblooming Evening Primrose and with deep golden yellow flowers and dark red buds in flat trusses. Each 75c.; 3, \$1.50; doz. \$5.50.

**Missouriensis.** Large, golden yellow flowers. 1 ft. Each 60c.; 3, \$1.15; doz. \$4.00.

**Yellow River.** A highly improved form of Fruticosa major and more free-flowering. 8 to 10 in. All summer. Each 75c.; 3, \$1.50; doz. \$5.50.

**Youngi.** Bright yellow flowers. 1½ ft. Each 60c.; 3, \$1.15; doz. \$4.00.

## Pachysandra

**Terminalis.** An evergreen, trailing plant with thick, glossy green foliage forming a dense mat. One of the finest ground-covers.

	Doz.	100
1-yr. field-grown plants...	\$2 00	\$12 00
2-yr. field-grown plants...	2 50	16 00
2¼-in. pot-grown plants...	2 50	16 00

## Iceland Poppies

*Papaver nudicaule*

**Amurensis.** Its flowers are about 3 inches in diameter, clear bright yellow, with lighter centers.

**Coonara Pink.** A charming warm rose-pink faintly suffused with salmon-pink. Flowers are freely produced on long, slender stems throughout the season.

All Iceland Poppies, each 55c.; 3, \$1.65; doz. \$5.00

## Oriental Poppies

*Papaver orientale*

These plants are an important part of every garden. We have endeavored to assemble the finest of the new varieties.

All Oriental Poppies, unless otherwise noted, 3 of any one variety \$1.20; doz. \$4.25

**Beauty of Livermore.** Crimson with black blotches.

**Fairy.** Pale pink.

**Gold of Ophir.** Golden orange, approaching true gold.

**Lord Lambourne.** Scarlet; lacinated petals.

**Mrs. Perry.** Orange-apricot.

**Perry's White.** One of the few good white Poppies. This variety has a maroon splash at the base of each petal.

**Purity.** Softest pink without any other markings.

**Salmon Glow.** Plants of vigorous habit with large double salmon-orange flowers. Well worth trying. Each 65c.; 3, \$1.85.

**SNOWFLAME.** (Plant Patent 365.) A sensational break in Poppies. The lower half of the flower is pure white, the upper half a flame-orange, creating a most unusual and brilliant effect. A strong-growing variety. The flowers are large and grow on stiff stems. Each 75c.; 3, \$2.00.

**Wunderkind.** Truly a connoisseur's variety is this cerise-colored Poppy. Each 75c.; 3, \$2.00.

**Wurtembergia.** Rose-red; large and very striking.

## Pentstemon • Beard Tongue

**Barbatus Torreyi.** Spikes of brilliant scarlet flowers. 3 to 4 ft. June-Aug. Each 50c.; 3, \$1.15; doz. \$4.00.

**Blue Gem.** A beautiful evergreen with spires of bright, tubular flowers shot with pink. 1½ ft. June, July. Each 60c.; 3, \$1.50; doz. \$5.50.

**Cherry Glow.** An outstanding new introduction to add color to summer gardens. The individual ruby-crimson blooms are unusually large and the long spikes of bloom are especially attractive in bouquets. 2 ft. Each 60c.; 3, \$1.50.

**Coral Gem.** Coral-pink flowers in large spikes. Each 50c.; 3, \$1.15; doz. \$4.00.

**Fireglow.** A new free-flowering variety. Very hardy. 3, \$1.50; doz. \$5.50.

**Garnet.** Large, tubular flowers of rich garnet on graceful 18-inch stems from early June until frost. 3, \$1.50; doz. \$5.50.

## Physalis • Chinese Lantern Plant

**Francheti.** Dense bushes about 2 feet high, producing freely bright orange-scarlet, lantern-like fruits. Each 50c.; 3, \$1.15; doz. \$4.00.

## Physostegia • False Dragonhead

**Grandiflora, Vivid.** A new variety growing from 1½ to 2 feet high, bearing a profusion of bright violet-mauve flowers. Each 50c.; 3, \$1.15; doz. \$4.00.

## Platycodon • Balloon Flower

**Grandiflorum.** Deep blue, cupped, star-shaped flowers. Each 50c.; 3, \$1.15; doz. \$4.00.

## Pyrethrum

DOUBLE VARIETIES

**Brilliant.** A glowing and striking crimson of exquisite form and texture.

**Buckeye.** Double flowers of a crushed raspberry color.

**Lord Roseberry.** Magnificent double flowers of a glowing pink.

**Miami Queen.** This luscious deep pink variety has won instant recognition for its merits.

**Pink Bouquet.** A robust, double Pyrethrum with large rosy pink flowers; white centers. 2½ ft.

**Purity.** Double; pale pink.

**Victory.** Probably the best double clear white.

All Double Pyrethrums, 3 of one variety \$2.25; doz. \$8.00

SINGLE VARIETY

**Roseum hybridum, Mixed.** A good old-fashioned perennial with flowers resembling colored daisies and blooming in June. Comes in mixture only, ranging from pure white to dark red. 3, \$1.50; doz. \$5.00.

## \*Plumbago • Leadwort

**Larpentæ.** Plant of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers. Each 50c.; 3, \$1.15; doz. \$4.00.

## Pulmonaria • Lungwort

**Angustifolia azurea.** Blue Cowslip. Grows about 1 foot high and is one of the first to bloom in early spring. Flowers are a deep gentian-blue. Each 50c.; 3, \$1.15; doz. \$4.00.

## \*Primula, Hardy

**Acaulis, Blue Shades.** Large, single flowers in various shades of blue on strong stems.

**Munstead Giants, Mixed.** A magnificent strain of bunch Primroses, with flowers of large size in wonderful shades of yellow, from cream to rich orange.

**Red Shades.** The above strain in a variety of red hues.

**Yellow Shades.** Yellow varieties of the Munstead Strain.

All Primulas, each 75c.; 3 of one variety \$1.50; doz. \$5.50 in 4 varieties



Pentstemon (Beard Tongue)

ALL PRICES SUBJECT TO MARKET CHANGES

## Michell's Giant-flowering Peonies

Our Peonies are strong 3 to 5-eye divisions. A pleasing combination is to use daffodils and hardy lilies among the Peony group. This will give color in that section of the border or garden—spring, summer,

fall. A border of this combination is the most economical of maintenance.

### ORDERS FOR PEONIES TAKEN FOR FALL DELIVERY ONLY

#### Pink and Rose Shades

- Edulis Superba.** The only Peony offered that is rated under 8, and there is no reason why it should carry this low rating as it is really a good Peony—early, free-flowering, and a fine cut-flower in the dark pink class. Each 75c.
- Lady Alexander Duff.** Immense flowers, 4 to 6 on a stem. Beautiful flesh-pink with golden anthers. Each \$1.50.
- Last Rose.** Deep pink. Very late. Each \$2.00.
- Martha Bullock.** Rose-pink; large flower. Each \$1.00.
- Mons. Jules Elie.** A large early-flowering Peony. One of the very best for cutting. Pale lilac-rose with an attractive silvery reflex. Each 75c.
- Sarah Bernhardt.** Very large, late rose-pink flowers. One of the very best for exhibition and cutting on account of its perfectly formed flowers and graceful stems. Blooms very freely. Each 75c.

#### Red and Crimson Shades

- Felix Crousse.** Late midseason red Peony. Probably the largest seller of all in its color. Each 75c.
- Francois Rousseau.** A fine red with a dark silky sheen at the base. Each \$1.00.
- Karl Rosenfield.** Tall; midseason. Globular semi-rose-type flowers of bright crimson. Each \$1.00.
- Longfellow.** One of the most popular red varieties because of its distinct fadeless color and general dependability, both for cutting and garden decoration. Comes into bloom early midseason. Excellent foliage and long stiff stems. Each \$1.00.
- Mary Brand.** Dark clear crimson. A very free-flowering Peony and where quantities of red flowers are wanted this is an excellent one to handle. Midseason. Each 75c.
- Philippe Rivoire.** Early flowering. Dark crimson; very symmetrical and with a rich rose scent. Each \$2.00.

#### White and Cream

- Baroness Schroeder.** A tall midseason Peony with large, globular, flesh-white blooms. Each \$1.00.
- Bayadere.** Creamy white. Each \$1.00.
- Festiva Maxima.** One of the oldest of the white Peonies and some say the very best. A sure bloomer. Early. Each 75c.
- Kelway's Glorious.** Creamy white with slight flecks of crimson. Very fragrant and considered one of the very best white Peonies. Late midseason. Each \$1.50.
- Le Cygne.** This creamy white variety holds the high rating of 9.9 from the American Peony Society. Very free flowering. Each \$2.00.
- Solange.** Cream. Very late. Each \$1.00.

#### Yellow Shades

- Golden Harvest.** Pink and yellow. Each \$1.00.
- Primevere.** A most attractive midseason variety with a sulphur-yellow-center and creamy guard petals. Each \$2.00.

## Michell's Hardy Phlox

Not less than 3 of any one variety supplied

Phlox is the backbone of the summer garden, a plant that can be depended on to give a vivid ray of color in many shades. Three plants of any one variety grouped together will make a brilliant display.

- Charles H. Curtis.** Sunset-red. Late. 2½ feet. 3, \$1.50; doz. \$5.00.
- Count Zeppelin.** Very large white flowers with deep crimson eye. 3, \$1.15; doz. \$4.00.
- Daily Sketch.** Extra-large trusses and individual flowers of light salmon-pink, with faint carmine eyes. 3, \$1.15; doz. \$4.00.
- Dr. Klemm.** A very distinct new variety of dwarf, compact habit and healthy growth. The large individual flowers are white with a prominent diffused eye of rich violet. 18 in. 3, \$1.15; doz. \$4.00.
- E. I. Farrington.** A most striking Phlox, growing about 2 feet high with large heads of beautiful salmon-pink flowers. 3, \$1.15.
- Ethel Pritchard.** A delightful French-mauve Phlox. 3, \$1.15; doz. \$4.00.
- Eva Forster.** Giant bright salmon-rose florets with large white centers, on dwarf, compact plants. Very attractive. 18 in. 3, \$1.15; doz. \$4.00.
- Flash.** Gorgeous carmine-crimson flowers with orange-scarlet centers. Produced freely on vigorous plants of medium height. Very showy. 25 in. 3, \$1.15; doz. \$4.00.
- Harvest Fire.** Tall, upright plants producing well-formed trusses of bright salmon-red flowers with distinct carmine eye. 2½ ft. 3, \$1.15; doz. \$4.00.
- Leo Schlageter.** Well-branched, pyramidal clusters of large, bright carmine-scarlet flowers, with slightly darker centers. 3, \$1.15; doz. \$4.00.
- Lillian.** Lovely pure pink. 3, \$1.15; doz. \$4.00.
- Mary Louise.** Pure glistening snow-white heads of unusually large size. The individual flowers are twice as big as those of any other white Phlox. It is a good grower of medium height, with clean foliage. 25 in. 3, \$1.50; doz. \$5.00.

- Mia Ruys.** Large trusses of pure white flowers. A dwarf, compact grower. 3, \$1.15; doz. \$4.00.
- Mrs. William Jenkins.** The best pure white. Medium height. 3, \$1.15; doz. \$4.00.
- P. D. Williams.** Pyramidal trusses of enormous, soft apple-blossom-pink, darker centers. 2½ ft. 3, \$1.50; doz. \$5.50.
- Salmon Glow.** Flame-pink with salmon shadings, softened with lilac and white tints. 3, \$1.15; doz. \$4.00.

#### Early-Flowering Varieties

- Miss Lingard.** Pure white, with a lilac eye. Very early. 3, \$1.15; doz. \$4.00.
- Rosalinda.** Lovely soft amaranth-pink blooms from June until frost. 3, \$1.15; doz. \$4.00.

#### ★Phlox Subulata • Moss Pink

- Alba.** Evergreen foliage, close to the ground and covered with starlike white flowers in May.
- Apple Blossom.** Dwarf, compact grower, covered with a profusion of apple-blossom-pink flowers.
- Atropurpurea.** Rich French purple flowers. Very free flowering and outstanding.
- Blue Hills.** A uniform, compact grower giving an early crop of deep blue flowers.
- Vivid.** A new introduction with bright rose-colored flowers.

All Phlox subulata, 3, \$1.15; doz. \$4.00

#### Miscellaneous Hardy Phlox

- ★**Amœna.** A beautiful plant with soft rose-colored flowers. April, May.
- Divaricata (canadensis).** The large heads of fragrant, lavender flowers appear the latter part of April and in May.
- Divaricata Laphami.** The plant is robust, the flowers large, and of a more intense shade of lavender-blue.

All Miscellaneous Phlox, 3, \$1.15; doz. \$4.00

#### Polemonium • Jacob's Ladder

- Blue Pearl.** Has elegant, deep green, finely cut foliage and showy spikes of attractive baby-blue flowers. April, May. 3, \$1.50; doz. \$5.50.

#### Rudbeckia • Coneflower

- Autumn Forest.** The colors are a fine blending of the autumnal tints of red, brown, and bronze. In bloom from early July until October. Each 50c.; 3, \$1.35; doz. \$4.25.
- Purpurea.** Giant Purple Coneflower. Flowers about 4 inches across, of a peculiar reddish purple, with a remarkably large cone-shaped center of brown. July–Oct. 3, \$1.15; doz. \$4.00.

**Purpurea, The King.** A crimson-red form that can be combined effectively with White Lustre. 3, \$1.20.

**White Lustre.** This new Rudbeckia we feel confident will take its place as an important addition in many perennial gardens. You can count on White Lustre to reach 3 feet in height. Blooms freely on sturdy stems from late June to September. Each 75c.; 3, \$2.00.

#### Salvia • Sage

- Azurea grandiflora.** Rocky Mountain Sage. Sky-blue flowers in greatest profusion during August and September. 6 ft.
- Pitcheri.** Similar to Azurea but of more branching habit and larger flowers of rich gentian-blue. 3 to 4 ft.

Above Salvias, each 50c.; 3, \$1.15; doz. \$4.00

#### Santolina • Lavender-Cotton

- ★**Chamæcyparissus (incana).** A dwarf evergreen perennial with attractive, silvery white foliage. Each 50c.; 3, \$1.15; doz. \$4.00.
- Pinnata.** An excellent variety for edging. 8 in. Each 60c.; 3, \$1.50; doz. \$5.50.

ALL PRICES SUBJECT TO MARKET CHANGES

## Scabiosa

**Caucasica.** A delicate shade of lavender-blue, starting to flower in June and lasting well through the summer.

**Caucasica, Giant Blue.** Flowers large and with long stems, ranging from light lavender to dark blue.

**Isaac House Giants.** Lavender-blue flowers on strong 18-inch stems from June until September.

All Scabiosas, 3, \$1.20; doz. \$4.50

## Sedum • Stonecrop

### \*DWARF VARIETIES

**Acre.** Golden Moss. Green foliage and bright yellow flowers.

**Album.** Dark green foliage. Pure white flowers in June.

**Lyodium glaucum.** Glauous green foliage. Pink flowers.

**Nevi.** Compact rosettes of silver-gray, close-set into a mosaic. Pink flowers in mid-summer.

**Sieboldi.** Round, succulent, glauous foliage. Bright pink flowers during August and September.

### ERECT-GROWING SEDUMS

**Spectabile.** A pretty, erect-growing variety with broad, light green foliage, and immense heads of showy, rose-colored flowers during the autumn. 1½ ft.

**Spectabile, Brilliant.** A rich-colored form of the above, being a bright amaranth-red.

All Sedums, 3, \$1.35; doz. \$5.00

### \*Statice Limonium

#### Sea-Lavender

**Latifolia.** Great Sea-Lavender. Handsome plants with heads of dark blue flowers that when dried last for months. 1 to 2 ft. 3, \$1.35; doz. \$5.00.

## Stokesia • Cornflower Aster

**Blue Moon.** A new and striking giant-flowering form of lavender-blue. 3, \$1.25; doz. \$4.50.

**Cyanea.** The very light blue flower has the appearance of combining a giant Cornflower and an Aster. Blooms from June until frost.

**Cyanea alba.** Pure white form of above.

All Stokesias, except where noted, 3, \$1.35; doz. \$5.00

## Sweet William

### Dianthus barbatus

**Michell's Prize Mixture.** All colors.

**Pink Beauty.** Sometimes called "Newport Pink." An excellent shade of salmon with immense flower trusses.

**Scarlet Beauty.** A beautiful shade of deep scarlet.

All Sweet Williams, 3, \$1.20; doz. \$4.00

## Stachys • Woundwort

**Grandiflora (rosea).** Large purple-rose flowers. 15 in. June, July. 3, \$1.15; doz. \$4.00.

## Teucrium • Germander

**Chamædrys.** An evergreen plant of dwarf, shrublike habit with glossy, aromatic foliage. Spikes of purple flowers during July and August. 1 ft. 3, \$1.15; doz. \$4.00.

ALL PRICES SUBJECT TO MARKET CHANGES

## Thalictrum • Meadow-Rue

**Adiantifolium.** A beautiful variety with foliage like the maidenhair fern and miniature white flowers in June and July. 1½ to 2 ft.

**Aquilegifolium.** Graceful foliage like that of the columbine and rosy purple flowers June and July.

**Glaucum.** Blue-gray leaves rather finely cut, with heads of fragrant Chinese yellow flowers.

All Thalictrums, 3, \$1.15; doz. \$4.00

## Tradescantia • Spiderwort

Ideal plants for shady locations. The common old-fashioned forms were known to our grandmothers, who had many names for them. The hybridizers have been at work improving them not only in color and size of bloom, but they have considerably lengthened the period of bloom.

### NEW TRADESCANTIAS

Sent out by the U. S. Department of Agriculture.

The descriptions are those of the Department. Height 15 to 20 inches.

**Blue Stone.** Low-growing. Large rich blue flowers.

**Iris Pritchard.** White flowers, heavily stained with azure-blue; blue center. Late bloomer.

**James Stratton.** A variety with large flowers, 2½ inches from tip to tip; color deep delphinium-mauve, slightly shaded with rose.

**Leonora.** The very fine flowers are a deep rich glowing violet.

**Pauline.** Flowers are rosy mauve. A vigorous variety.

**Purple Dome.** A vigorous plant with large clusters of rich purple flowers.

A Tradescantia collection in your shady garden will make an interesting planting.

A single plant of any variety, 60c.;  
3 of one variety \$1.35; doz. \$5.00

## Trollius • Globe-Flower

**Europæus.** Desirable, free-flowering plants, producing their giant bright yellow, buttercup-like blossoms from May until August. 3, \$1.15; doz. \$4.00.

**Ledebouri, Golden Queen.** A very showy variety, blooming in June and July. The rich golden yellow globes, with their prominent anthers, have a decorative grace. 2½ to 3 ft. 3, \$1.50; doz. \$5.50.

**Orange Prince.** Large orange flowers during May and June. 3, \$1.20; doz. \$4.50.

### \*Tunica

**Saxifraga rosea fl.-pl.** A pretty, double-flowering form of Saxifraga. Perpetual flowering from June until late in the fall. 3, \$1.15; doz. \$4.00.

## Valeriana • Valerian

**Officinalis.** Hardy Garden Heliotrope. Produces, during June and July, showy heads of rose-tinted white flowers, with heliotrope odor. 3 to 4 ft. 3, \$1.15; doz. \$4.00.

## Verbena

**Alpina (pulchella Maonetti).** Producing masses of flowers of a deep cherry-pink striped with white, from early May until frost.

**Peruviana.** Brilliant red clusters produced in great profusion from early May until October.

All Verbenas, 3, \$1.15; doz. \$4.00

## Veronica • Speedwell

**Amethystina.** Amethyst-blue flowers on short spikes. 2 ft. May, June.

**Blue Spire.** A hybrid of *V. longifolia subsessilis* and *V. spicata* which has retained the glorious dark color of *Subsessilis*. 3, \$1.50; doz. \$5.50.

**Erica, Blue.** A neat, semi-dwarf form producing fine bushlets of dark green, covered with spires of gentian-blue during June and July. 1 ft.

**Erica, Pink.** A lovely pink form of the above, in bloom during June and July.

**\*Incana.** Bright silvery foliage with spikes of amethyst-blue flowers during July and August. 1 ft.

**Longifolia subsessilis.** Japanese Speedwell. The handsomest blue-flowered plant we know, growing to a height of 2 feet and completely studded with its spikes of blue flowers; fine for cutting. Aug.-Oct. 3, \$1.20; doz. \$4.50.

**\*Rupestris, Heavenly Blue.** Dwarf and spreading. Flowers very early, of an exquisite shade of blue.

**\*Rupestris, True Blue.** Literally covers itself with blossoms of intense blue during June and July. 1 ft.

**\*Spicata.** Long spikes of bright blue flowers during June and July. 1½ ft.

All Veronics, except where noted,  
each 60c.; 3, \$1.15; doz. \$4.00

## Viola Odorata • Sweet Violet

**Double Russian.** Perfectly hardy anywhere, producing double, sweet-scented flowers in abundance. 3, \$1.50; doz. \$5.50.

**Royal Robe.** A distinct addition to the Violet family that deserves a place in your shady rock-garden, or as a ground-cover. Flowers are a lustrous shade of violet-blue. A dozen of these plants will furnish quantities of bloom during early winter and early spring, a time when cut-flowers are highly prized. Each 60c.; 3, \$1.50; doz. \$5.00.

## Viola Cornuta • Tufted Pansies

### Newer Hybrids

**Jersey Gem.** Without doubt the best bedding Viola yet introduced, flowering continuously from April until heavy frost. Flowers pure violet, on stems about 6 inches long.

**Purple Glory.** Extra-large, rosy purple flowers on stems 8 to 10 inches long.

**Wedgwood.** One of the best, producing beautiful Wedgwood-blue flowers.

**Yellow Queen.** Another large-flowered type with deep pure yellow flowers.

All above Viola Cornutas, each 60c.; 3 of one variety, \$1.15; doz. \$4.00

### \*Vinca

#### Periwinkle; Trailing Myrtle

**Alpina.** This Vinca is a deep, glowing velvety claret. Although endowed with a vigorous constitution, the habit is refined, compact, and never becomes straggly.

**Bowles Variety.** The foliage is a rich glossy green, of strong texture. Flowers are large, of a deeper rich blue and are borne with remarkable profusion.

**Minor alba.** A white-flowering form of the above.

**Minor aurea.** Golden variegated foliage and blue flowers.

All Vincas, 3, \$1.20; doz. \$4.50

## Yucca • Adam's Needle

**Filamentosa.** White, with reflexed flower bells. 3, \$1.25; doz. \$4.50.

# Michell's Hardy Garden Roses

## SELECT LIST OF OUTSTANDING ROSES

Dormant Roses will be shipped up to April 10, 1945. Orders after that date will be pot-grown Roses and deliveries will be made from the middle of May until the end of June, as long as the varieties are available.

This select list of outstanding Roses, each \$2.25; doz. \$25.00

**CALIFORNIA.** Plant Patent No. 449. The color is a shade of ruddy orange toned with saffron-yellow, with the exterior of the broad petals overlaid with saturn rose. The long pointed buds develop into flowers of enormous size which often are 5 to 6 inches across.

**ECLIPSE.** Plant Patent No. 172. The long, streamlined bud, often more than 2 inches long, enhanced by ornamental sepals, is of rich gold without shading. Vigorous, branching plants with healthy foliage and a free-blooming habit. The elegant buds are especially nice for boutonnières. Eclipse is among the most popular Roses in America. By all means include it in your garden.

**\*GRANDE DUCHESSE CHARLOTTE.** Plant Pat. pending. The lovely burnt-carmine color of this Rose is unmatched by any other. The enchanting, streamlined buds come singly and freely on long wiry stems, making them excellent for cutting. When unfolding, the 25 petals recurve and make a delightfully informal, artistic flower with a hint of carnation fragrance.



Rose, President Macia

**LOWELL THOMAS.** New. Plant Patent No. 595. Great 25-petaled lemon-chrome blooms open from beautiful buds and have a high center, with the petals rolling outward, making magnificent golden flowers over 4 inches across when fully open. They have a slight tea fragrance.

**MARY MARGARET MCBRIDE.** Plant Patent No. 537. This flower is a most alluring rose-pink. The long buds have a yellow base and open to large 45-petaled blooms with a glowing rose-pink color. The petals stay upright, but the edges recurve gracefully to add to the charm of this Rose. The hottest sun fails to spoil the color. Free blooming from spring to fall.

**PRESIDENT MACIA.** Two-toned pink. The firm, long-pointed carmine-tinted buds open to great full-petaled, fragrant blooms with the inside of the petals flesh-pink.

## Michell's Select Hybrid Tea Roses

All Select Hybrid Tea Roses, each \$1.75; doz. \$20.00

**Ami Quinard.** Dainty buds of deep maroon unfold to beautiful urn-shaped flowers of black-lustered red, with Damask fragrance. The petals are like shining crimson velvet. Very free in bloom.

**Christopher Stone.** Alluring Damask fragrance is only one of the fascinations of this Rose, for it has long-pointed attractive buds that open to vivid scarlet flowers in early summer. In the fall the petalage increases and the flowers become crimson with blackish shadings.

**Girona.** Propagation rights reserved. Lovely buds of Turkey-red and golden yellow, on 12 to 18-inch stems, open to blooms of 20 to 30 petals. The outside row of petals becomes light Tyrian-rose and makes a lovely collar for the inner petals of soft golden yellow—a charming color combination. Alluring, rich, attar-of-rose fragrance.

**Kaiserin Auguste Viktoria.** An old variety but still one of the best. In color it is a soft pearly white, tinted with lemon.

**Lady Ashtown.** Pink. Long-pointed buds and perfect carmine-pink blooms with a golden underglow.

**McGredy's Scarlet.** The finely formed bud is red and opens slowly into a magnificent, very large bloom of just "red" or deep rose-pink. If a partly opened flower is pulled apart, the inside of the petals will be found to be brilliant scarlet.

**Mme. Cochet-Cochet.** Plant Patent No. 129. The long, pointed buds open to large, semi-double, artistic coppery pink flowers that simply glow with a mass of golden anthers that reflect a golden shade on the inside petals. Rich honey-like fragrance.

**Mrs. Erskine Pembroke Thom.** Long, shapely buds of large size, developing into full, double flowers of deep lemon-yellow color and sweetly scented.

**Mrs. Pierre S. du Pont.** Medium-sized, long-pointed buds of reddish gold, opening to semi-double, cupped, very lasting, fragrant flowers of a deep golden yellow. A strong, vigorous, compact grower.

**Poinsettia.** Plant Patent rights reserved. This Rose has semi-double flowers of a bright rich scarlet, produced freely during the whole season.

**Radiance.** A Rose of American origin. It is an ideal bedder, producing large flowers throughout the summer when many other varieties are out of bloom. In color it is a beautiful even shade of pink.

**Red Radiance.** Counterpart of Radiance from which it is a sport, possessing all of the good points of that variety, but differing in color, which is bright cerise-red.

**Sœur Therese.** Each flower is fine for cutting as it comes on a wiry stem from 6 to 8 inches in length. The buds are marked with carmine but the open blooms are clear buttercup-yellow.

**Talisman.** Its combination of apricot, gold, and deep rose-pink gives a glittering mass of color over a long period of time.

**Texas Centennial.** Plant Patent No. 162. This richly fragrant variety is a blood-red sport of the great President Herbert Hoover Rose, and has all the good qualities of its parent.

SUBJECT TO THE STOCK AVAILABLE

## Hardy Hybrid Perpetual Roses

Before the development of the Hybrid Teas, this was the most popular type for garden planting. For a while they were neglected but because of their great hardiness and the quantity of their large flowers, they are again becoming popular. Most of them are deliciously fragrant.

**Frau Karl Druschki.** The flower is very double and opens to a pure snow-white. Growth is vigorous and the plant is a most prolific bloomer during the month of June. Scattering flowers often appear in the fall.

**Henry Nevard.** Crimson-scarlet of fine large form; very fragrant. Very free flowering.

All Hybrid Perpetual Roses, each \$1.25

## Large-Flowering Polyantha or Floribunda Roses

**Betty Prior.** Plant Patent No. 340. Large branching clusters of single two-tone red and pink blooms, resembling red dogwood in shape, size and color, are borne continuously on erect plants, 3 to 3½ feet in height.

**Permanent Wave.** Plant Patent No. 107. Wavy-petaled blooms of rich rose-pink come in clusters of six or more from unique, bronzy buds. Each flowering branch makes a long-lasting charming bouquet. Growth 2 to 2½ feet.

**Red Ripples.** Plant Patent applied for. This thrilling beauty is sensational when gaily decorated with its open clusters of vivid scarlet, wavy-petaled blooms. The dainty stream-lined, scarlet buds make perfect boutonnières. Height 2½ feet.

ALL PRICES SUBJECT TO MARKET CHANGES

## Hardy Climbing and Rambler Roses

As ornamental plants for covering verandas, porches, side walls, pillars, fences, etc., these are unequaled, calling forth more admiration than anything else that can be used. The large-flowered varieties require no pruning beyond the removal of very old and worn-out canes, and the thinning out of weak growth. Canes becoming too long may be shortened.

The Ramblers, or small-flowered cluster type, should have the old canes removed at the base as soon as they finish blooming, training the new canes into place for next year's bloom.

**Climbing American Beauty.** The name of this Rose is rather misleading, yet on its own merits it is an excellent Climber. It has but one blooming season, June, when it bears abundantly, large, bright self-colored, rose-pink flowers.

**Blaze.** Plant Patent No. 10. Scarlet-crimson blooms.

**Doubloons.** Plant Patent No. 152. Here is a gloriously lovely climbing yellow Rose, noted for hardiness and vigorous, healthy growth, and furnished with dark green leathery foliage. The shapely buds open to large firm-textured blooms of saffron-yellow with clean, spicy fragrance.

**New Dawn.** Plant Patent No. 1. Blush-pink. Everblooming.

**Paul's Scarlet Climber.** No other Rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall.

All Hardy Climbing and Rambler Roses, each \$1.75

## Hardy Miniature Roses

**Midget.** Plant Patent No. 466. The tiniest rose-red flowers, fully double.

**Pixie.** Plant Patent No. 408. The world's tiniest double white Rose. It shows pink shadings in cool weather.

**Rosa Rouletti.** A unique little Rose discovered in Switzerland. Very dwarf and blooms from May until November. Tiny, double, rose-pink flowers less than ½ inch in diameter.

All Hardy Miniature Roses, 3-in. pot-grown plants, each 85c.; 3, \$2.25

## TRI-OGEN

### The All-Purpose Spray

FUNGICIDE—INSECTICIDE  
PLANT STIMULANT

Complete protection against plant insects and diseases. Mildew and black-spot easily controlled with this spray treatment.

- A. Small Kit (makes 16 qts.) . . . \$1 50
- B. Medium Kit (makes 64 qts.) . . . 4 00
- C. Large Kit (makes 32 gals.) . . . 6 00
- D. Estate Kit (makes 128 gals.) . . . 20 00

## Water-Lilies and Other Plants for the Garden Pool

Please Note this class of plants have to be shipped direct to you from the pools where they are grown. On all orders of \$3.00 or less please add the service charge of 35c. for collecting and packing

### Hardy Water-Lilies

**Aurora.** Rosy yellow, changing to deep red on the third day; stamens orange. Each \$2.00.

**Chromatella.** Clear rich yellow. Very prolific. Each \$2.50.

**Comanche.** The flowers are a combination of orange and amber-red. Each \$3.00.

**Gloriosa.** Large red flowers perfumed like apple-blossoms. Each \$3.50.

**Hopalong (odorata gigantea).** This native of the southwestern states requires deeper water than usual and more room to spread than any other. Leaves are light red underneath. Flowers very large and pure white. Each \$1.00.

**Marliac White.** Pure sparkling white; good size; fragrant. Excellent for cutting. Each \$2.00.

**Pink Opal.** Deep rich pink; moderate size. Does especially well in restricted areas. Each \$2.00.

**Rose Arey.** Deep cerise-pink; sometimes reaches 8 inches in diameter. Petals pointed with a noticeable curl, giving effect of darker shading near the edges. Each \$3.00.

### Tropical Water-Lilies DAY BLOOMERS

**Blue Beauty.** Blue of the summer sky with stamens marking gold lines over the petals. Flowers larger than most of the tropics. Blooms freely and continuously all summer. Each \$3.00.

### NIGHT BLOOMERS

**Emily G. Hutchings.** A new night-blooming Lily with large cup-shaped flowers of an amaranth-pink. Each \$3.00.

**Frank Trelease.** Dark crimson; stamens mahogany; petals long, narrow and rounded at the ends. At first the leaves are green, mottled with dark red, changing to bronzy red as leaves mature. Each \$3.00.

### Aquatic Plants HARDY

**PONTEDERIA cordata.** Pickerel Rush. Blue flowers produced freely. Total growth about 2 feet. 3, \$1.00.

**SAGITTARIA sagittifolia.** Giant Arrow-head. Long strap-like green leaves 1 to 3 feet above water. 3, \$1.00.

### TROPICAL

**CYPERUS alternifolius.** Umbrella Plant. Will grow 4 feet high. Successful in small pools or in moist ground. 3, \$1.25.

**HYDROCLEIS nymphoides.** Water-Poppy. Floating yellow flowers all summer. Not hardy. 3, 75c.

**MYRIOPHYLLUM prosperinacoides.** Parrot's Feather. Rises about 6 inches out of the water. 3, 75c.

### Floating Plants

**EICHHORNIA crassipes major.** Water Hyacinth. Lilac-rose flowers. 3, 75c.

**PISTIA Stratiotes.** Shell Flower; Water Lettuce. A rosette of fluted blue-green velvety leaves. Grows best in a shady pool. 3, \$1.00.

**SALVINIA braziliensis.** Salvinia. Dainty soft green leaves covered with a velvety nap of tiny hairs. The growth forms an attractive chain of these leaves which are about ¼ inch in diameter. Each 40c.

### Oxygenating Plants

**ANACHARIS canadensis gigantea.** Giant Water Weed. A beautiful submerged plant with dark green ovate leaves and light stems. 3, 75c.

### SPECIAL PLANT COLLECTION A-1.

Consisting of enough plants of our own selection to balance a ten-gallon aquarium. \$1.00.

### SPECIAL PLANT COLLECTION A-2

A splendid group of plants, to balance a 15 or 20-gallon aquarium, more than double the above collection and including some of rare and very choice varieties. \$2.00.



Water-Lilies (Nymphaea)

ALL PRICES SUBJECT TO MARKET CHANGES

# Michell's Climbing Plants and Vines

Vines play an important part in the landscape of the home. They fill so many purposes there that we cannot recommend them too highly for general use.

For Wall Nails and Trellises, in wood or wire for training Vines of all kinds see pages 83, 84.

**AMPELOPSIS quinquefolia.** Virginia Creeper. Especially adapted to covering stumps and trunks of trees. Extra-strong plants, each 75c.; 3, \$2.00; doz. \$7.00.

**A. Veitchi.** Boston Ivy. The popular climber for brick and stone buildings and walls. Leaves deep green which turn to a coppery red in autumn. Strong plants, each \$1.00; 3, \$2.75; doz. \$10.00.

**ARISTOLOCHIA Sipo.** Dutchman's-pipe. Quick-growing vines with handsome light green leaves that give a quick, dense shade. Brown flowers shaped like a pipe bowl. July. Large plants, each \$1.00.

**BIGNONIA grandiflora, Mme. Galen.** Trumpet Vine. A strong-growing vine with rich green foliage and trumpet-shaped, dark red flowers with throats shaded orange. Free flowering. July, Aug. Strong plants, each \$1.00.

**CELASTRUS scandens.** Bittersweet; Wax-wort. Rapid-growing vine that in early summer produces yellow flowers, which by autumn have turned to bright orange-colored fruits, with red markings. Extra-strong plants, each 50c.; doz. \$5.00.

**HONEYSUCKLE.** See *Lonicera*.

**IVY, ENGLISH (*Hedera Helix*).** Plant for covering brick and stone walls and buildings. It rarely ever dies out and needs no attention. Plants from 2½-in. pots, doz. \$3.00; 100, \$20.00. Plants from 4 to 5-in. pots, 30 in. high, each 75c.; doz. \$7.50. Specimens in 6-in. pots, up to 5-ft. lengths, staked. Prices on request.

**KUDZU VINE (*Pueraria Thunbergiana*).** This vine grows a foot a day and makes a dense covering that is exceedingly attractive. Toward the end of summer it produces small, rosy purple flowers. Each 60c.; 3, \$1.75; doz. \$6.00.

## Lonicera • Honeysuckle

This favorite requires very little comment or description, always yielding a wealth of fragrant bloom.

**Japonica aureo-reticulata.** Variegated Chinese Evergreen Honeysuckle. Foliage beautifully mottled yellow and green. Flowers white and yellow.

**Japonica Halliana.** Hall's Honeysuckle. Flowers pure white, turning to yellow. Hardy evergreen. Blooms from June until frost.

**Tellmanniana.** Golden Giant Honeysuckle. Blooms profusely during the month of June and is perfectly hardy. A really fine new climber. Strong plants.

All Honeysuckles, strong plants, each 50c.; 3, \$1.35; doz. \$5.00

**POLYGONUM Auberti.** Chinese Fleecy-vine. Perfectly hardy and a quick grower, a small plant making 25 to 30 feet of growth the first summer. Long clusters of snowy white flowers which turn rose-color with age. It will not cling to the wall. Extra-strong plants, each 75c.; 3, \$2.10; doz. \$7.50.

**WISTERIA.** This blooms in the latitude of Philadelphia during May. A strong, well-developed vine produces hundreds of flower panicles, while no foliage is visible until after the flower is faded.

**W., Purple.** Somewhat fragrant blooms. Extra-strong plants, each \$1.00.

**W., White.** Beautiful flowering form of the above. Extra-strong plants, each \$1.00.

**W., Attractive Pink.** Extra-strong plants, each \$1.25.

## ON GROWING CLEMATIS

**Soil.** A rich well-drained loam, loosened by the addition of sand or peat-moss, is best. Make certain that the collar of the plant is set 2 to 3 inches below the surface of the soil. Firm the soil well around the roots. Water frequently in dry weather.

**Location.** A partially shaded location with 5 to 6 hours' sunshine is ideal. If planted in full sun provide a cool root-run by a good summer mulch of some loose material such as peat, straw, rotted manure, etc.

**Fertilizing.** Well-rotted manure is preferred with any well-balanced plant-food as a good second. Work it well into the soil with-

out disturbing the roots. Use a little lime occasionally.

**Trellis.** Provide a support at once—a trellis, wire netting, old stumps, low shrubs, or stone walls.

**Winter Mulch.** With fall planting of Clematis use a mulch of straw, leaves, or peat moss for the first winter to prevent the soil from freezing and thawing, which sometimes damages the stems if they are unprotected. Mice and rabbits may be kept from eating the tops by hilling the soil up around the stems or by putting small screens around them. A winter mulch is cheap protection any time.

## Clematis

### COCCINEA HYBRIDS

A distinct group with flowers of trumpet-bell, and urn-like forms. The plants are medium in height and bloom in summer and autumn.

**Admiration.** Glowing salmon-pink color. July, Oct. Each \$1.00.

**Duchess of Albany.** Bright pink, trumpet-shaped flower. July, Oct. Each \$1.50.

**Texensis.** Usually described as pitcher-like in form, the brilliant red flowers have yellow centers. July, Oct. Each \$1.00.

### JACKMANI HYBRIDS

These large-flowered climbing forms produce their bloom in summer and early autumn successively on new and summer growth. The plants reach a height of 10 to 15 feet and are noted for their profuse bloom.

**Comtesse de Bouchaud.** A pleasing shade of pinkish rose. June, July.

**Empress of India.** Light violet-purple—truly a rich color. June, Oct.

**Jackmani.** Perhaps the most familiar of all the Clematis hybrids. Violet-purple blooms. June, Oct. Each 90c.

**Jackmani alba.** A pure white form of the familiar type. June, Oct.

**Jackmani rubra.** The well-shaped flowers are unusually rich red. June, Oct.

**Jackmani superba.** Noticeably large flowers of deep violet-purple. June, Oct. Each \$2.00.

**Mrs. Cholmondeley.** Usually described as wisteria-blue. June, Oct.

All Clematis Jackmani Hybrids, except where noted, each \$1.00

### LANUGINOSA HYBRIDS

Often spoken of as the Woolly-leaved Clematis. The original form came to us from China almost a hundred years ago. These climbing forms produce large flowers in summer and autumn, usually on short lateral summer shoots. The flowers are well dispersed on the plants which reach a height of 10 to 12 feet.

**Crimson King.** Large bright red flowers. June, Oct. Each \$1.25.

**Henryi.** A familiar variety with unusually large white flowers. June, Oct. Each \$1.00.

**Lawsoniana.** An unusually large bright blue flower. Always a colorful favorite. June, Oct. Each \$1.00.

**Nellie Moser.** Mauve with red bars; large. June, Oct. Each \$1.25.

**Prins Hendrik.** Orchid-blue with ruffled petals, the blooms are rich in texture. June, Sept. Each \$1.00.

**Ramona.** Large lavender-blue flowers. June, Oct. Each \$1.00.

**W. E. Gladstone.** Perhaps best described as heavenly blue. June, Oct. Each \$1.25.

### VITICELLA HYBRIDS

The plants produce their flowers on summer shoots and can be pruned vigorously in early spring. The blooms are decidedly large, appearing in summer and autumn on plants 10 to 15 feet in height.

**Huldine.** A translucent white variety with mauve-pink markings. R.H.S. Award of Merit, England. July, Oct. Each \$1.25.

**Lady Betty Belfour.** A rich purple with a white center. June, Oct. Each \$1.25.

**Ville de Lyon.** Carmine-red. June, Oct. Each \$1.00.

### CLEMATIS SPECIES

For the most part, the species and varieties listed here are small-flowered types producing their flowers in summer and autumn, usually on summer shoots, hence they can be pruned vigorously in early spring.

**Crispa.** Usually called Marsh or Curly Clematis. The bell-shaped flowers are similar to those of *C. texensis*. Color is a dark blue-purple which becomes paler at the wavy margins. 8 to 10 ft. July, Aug. Each \$1.00.

**Davidiana.** Clusters of bright blue hyacinth-shaped flowers characterize this semi-shrubby type which is most useful in the perennial border. June, July. Each 85c.

**Montana alba.** A white form of the great Indian Clematis. It grows 10 to 15 feet in height. May, June, Each \$1.00.

**Montana rubens.** The rosy red flowers turn pink with age. 10 to 15 ft. May, June. Each \$1.00.

**Montana undulata.** Soft mauve-pink. 10 to 15 ft. May, June. Each \$1.00.

**Paniculata.** It is hardly necessary to more than mention this small white star-shaped flowering form which is known everywhere. 15 to 18 ft. Sept., Oct. Each 85c.

**Recta.** A shrubby form which flourishes in the perennial border. The clusters of white flowers are produced on 3- to 4-foot stems. June, July. Each 75c.

**Spooneri rosea.** An abundance of deep apple-blossom-pink flowers on plants which reach 10 to 15 feet. A great favorite in English gardens. May, June. Each \$1.50.

**Tangutica obtusiuscula.** A curiously interesting yellow-flowered form with tiny lantern-like blooms. 15 to 20 feet in height. June, Oct. Each \$1.00.

# Michell's Hardy Decorative Flowering Shrubs

A planting of shrubs, massed around the boundaries of a garden, forms a harmonious background against which the bright-colored hardy perennial plants appear to their best advantage. There are many suitable locations for planting shrubs about the home-grounds. The house foundation and the angles and corners should be softened by shrubs of medium height. Spireas, Hydrangeas, Berberis, Deutzias, and others of a like nature will be found most suitable for this purpose.

Taller shrubs, such as Lilacs, Philadelphus, and Altheas, are better planted along the sides and at the back of the grounds. Here they can be used to give a frame to the property, block out undesirable views, and serve as a screen for any purpose desired. Such group plantings should be made in the nature of borders, and the shrubs selected and arranged to give a continuance of bloom and pleasing foliage combinations, together with a fall and winter coloring of bark and berries.

**ALTHEA (Hibiscus).** Rose of Sharon. These thrive almost anywhere, producing bloom from July till September. 2 to 3-ft. plants, each \$1.00; 3 to 4-ft., \$1.25; 4 to 5-ft., \$1.75.

## Azaleas

A family of dwarf, bushy shrubs bearing a great profusion of flowers in the spring. Very useful for planting in the shady border or in groups by themselves. Succeed best in a partially shaded position.

**Hinodegiri.** Evergreen variety and one of the best, bearing fiery red, single flowers in great profusion. Very desirable on account of its color. 8 to 10-in. plants, each \$3.00.

**Kaempferi.** Torch Azalea. Orange-red to salmon-pink shades. Blooms in late spring. Very hardy. 15 to 18-in. plants, each \$3.00.

**BEAUTY BUSH.** See Kolkwitzia.

**BRIDAL WREATH.** See *Spiraea prunifolia*.

## Buddleia

**Charming.** A glorious new shrub bearing throughout the late summer and autumn elegant long sprays covered with lovely lavender-pink blooms which compared with other Buddleias introduced up to date, are distinctly pink. Develops in July. Each \$1.00; 3, \$2.50.

**Dubonnet.** In sunshine and under the lamp it glows almost a true red. The firm cylindrical spikes are snugly set with individual flowers of good size that do not sunburn. The plant is of robust, erect growth with strong stems. Each \$1.00; 3, \$2.50.

**Orchid Beauty.** New. A splendid new variety of a soft cattleya-lilac color with a brilliant orange eye. Long, tapering spikes, similar in form and size to the popular variety Charming. Each \$1.00; 3, \$2.50.

**CALYCANTHUS floridus.** Sweet Shrub. Chocolate-colored, double flowers, with a peculiar agreeable odor. Blooms in June. 2 to 3-ft. plants, each \$1.25.

**CERCIS chinensis.** Judas Tree; Chinese Red-bud. A tall, slender-growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with delicate deep pink flowers. 2 to 3-ft. plants, each \$1.75.

ALL PRICES SUBJECT TO MARKET CHANGES

**CORNUS.** Dogwood. This shrub is well known. The flowers appear before the foliage in May and in autumn it takes on a rich crimson shade.

**C. florida.** White-flowering Dogwood. Strong 3 to 4-ft. plants, each \$2.50.

**C. florida rubra.** Pink-flowering Dogwood. 3 to 4-ft. plants, each \$5.00.

**CYDONIA japonica.** This shrub is a beautiful sight in early spring when covered with cherry-red flowers about the size of an apple-blossom. Especially desirable as a specimen shrub for the lawn. Extra-strong 2 to 3-ft. plants, each \$1.00.

**DAPHNE Cneorum.** A pretty dwarf, spreading shrub, 6 to 8 inches high. Valuable for the rockery or for the front of the border. Beautiful bright pink, sweet-scented flowers early in May. Strong plants, each \$1.50.

## DEUTZIA CRENATA ERECTA

New Snow-White Erect-growing Deutzia

This beautiful, strong, upright-growing hybrid came to us from France a few years ago. It produces large, single, milk-white flowers in handsome pyramidal clusters. Shown in England a few years ago, it received an Award of Merit from the Royal Horticultural Society. Its upright growth and modest height (3 to 4 feet) make it an excellent shrub for foreground planting. Last, but not least, is the enormous amount of flowers which completely cover the bush at flowering time. Each \$2.00; 3, \$5.00; doz. \$18.00.

**DEUTZIA gracilis.** For planting either individually or in masses, they are very attractive. White flowers. Dwarf, bushy habit. 15 to 18-in. plants, each \$1.00.

**DOGWOOD.** See Cornus.

**FLOWERING ALMOND.** See Prunus.

**GOLDEN BELLS.** See Forsythia.

**FORSYTHIA.** Golden Bells. Bright golden yellow, star-shaped flowers that burst into bloom just as winter is over and while the bush is otherwise bare.

**F., Spring Glory.** This new Forsythia is without question the loveliest of all the Golden Bells. If you desire a brilliant and cheerful display in your garden in early spring, plant a few plants of Spring Glory. Each \$1.50; 3, \$4.00.

**F. spectabilis.** Strong, tall-growing shrub with very large flowers completely covering the stems. Most profuse bloomer of all.

**F. suspensa.** Graceful, drooping tendency. Frequently planted on banks and slopes. Beautiful as specimens or in masses.

All Forsythias, except where noted, strong 3 to 4-ft. plants, each \$1.00

**HYDRANGEA paniculata grandiflora.**

The large panicles of white flowers are at their best during August; later they take on a reddish cast. These plants look fine used as single specimens on the lawn or grouped in large beds. Strong bush-form, 2 to 3-ft. plants, each \$1.00.

**HYPERICUM patulum, Sungold.** Plant Patent applied for. A hardy, shapely, dwarf, twiggy shrub which grows into an almost completely oval globe 2½ to 3 feet in diameter and about 1½ to 2 feet in height, densely covered with foliage that is handsome throughout the summer. It bears its cymes of golden flowers at the end of every shoot of the summer's new growth. Blooms more freely and much longer than any of the *Hypericum patulum* now in general use. Its flowers are bigger and produced in immense quantities, transforming this lovely plant into a small mound of gold when in full bloom. Each \$2.50.

**HONEYSUCKLE.** See *Lonicera*. (Vine Section.)

**JUDAS TREE.** See *Cercis chinensis*.

**KOLKWITZIA amabilis.** Beauty Bush. A handsome new ornamental shrub from China, resembling the weigela and honeysuckle, to which it is allied. Grows 6 to 8 feet high at maturity, with long, arching branches covered with pale pink, bell-shaped flowers in June. One of the most outstanding shrubs. Strong 2 to 3-ft. plants, each \$1.50.

**LILAC.** See Syringa.

**MOCK ORANGE.** See Philadelphus.

## PHILADELPHUS, ATLAS

New Giant Mock-Orange

This giant-flowered Mock-Orange, with its pure white blooms as large as those of a dogwood, will be sensational in your garden, and we predict will replace many of the more common and indifferent shrubs. This magnificent hybrid came to us a few years ago from France. It has been carefully tested and not found wanting. Hardy, of easy culture, grows most anywhere, good upright habit, and covered with immense blooms which slightly lack being 3 inches in diameter and are magnificent for cutting. Decidedly a "must" for every shrubby border. Each \$3.00.

**PHILADELPHUS virginialis.** Virgin Mock-Orange. Large, semi-double white flowers in great profusion and very fragrant. 7 to 8 ft. 2 to 3-ft. plants, each \$1.50.

**PRUNUS glandulosa alba fl.-pl.** Double White-flowering Almond. Erect, slender branches covered in May with small, very double, fragrant white flowers. Strong 2 to 3-ft. plants, each \$1.50.

## Add Herbs to Your Garden

The old-time Herb Gardens are again popular. Herbs can also be planted in mixed borders for their foliage effects and delightful fragrance. They are a valuable addition in cooking, imparting a delectable flavor, and some varieties are used for garnishing.



Philadelphus virginialis

MICHELL'S HARDY DECORATIVE FLOWERING SHRUBS, continued

### Hybrid Rhododendrons

The handsomest and most effective of the broad-leaved evergreens. They will succeed in any light or friable garden soil, but if a heavy clay soil must be used, incorporate a liberal amount of leaf-mold or well-decomposed cow-manure, digging the beds about 2 feet deep. Mulch the beds during winter with peat moss and protect in winter with 4 to 5 inches of leaves. Evergreen boughs between the tops of the plants during winter are desirable to break the cold and driving winds and to protect from the rays of the sun in early spring.

**Amphion.** Pink. Bushy.

**Catawbiense grandiflorum.** Lilac. Compact.

**Dr. C. H. Dresselhuys.** Red. Tall.

**Everestianum.** Lilac. Dwarf.

**Mrs. C. S. Sargent.** Light red. Bushy.

**President Lincoln.** Lavender. Tall.

**Roseum elegans.** Pink. Compact.

All Rhododendrons, strong 12 to 15-in. plants, each \$3.00; 15 to 18-in., \$3.75; 18 to 24-in., \$5.00; 2 to 2½ ft., \$6.00.

**REDBUD.** See Cercis.

**ROSE OF SHARON.** See Althæa.

**SNOWBALL.** See Viburnum.

**SPIRÆA prunifolia.** Dense shrub bearing a profusion of flowers. 2 to 3-ft. plants, each \$1.00.

**SWEET SHRUB.** See Calycanthus.

**SYMPHORICARPOS racemosus.** 2 to 3 ft. Each \$1.00.

**S. vulgaris.** 2 to 3 ft. Each \$1.00.

**SYRINGA vulgaris.** We advise planting in the fall.

**VIBURNUM tomentosum plicatum.** Snowball. A desirable shrub that should be in every garden or on the lawn. Perfectly hardy. Blooms in June. Extra-fine 2 to 3-ft. plants, each \$1.75.

**VITEX macrophylla.** A graceful, attractive shrub, growing 3 to 4 feet high and producing freely lavender-blue flowers from July until frost. 2 to 3-ft. plants, each \$1.50.

**WEIGELA, Bristol Ruby.** New. Plant Patent No. 492. A better Eva Rathke has long been needed—Bristol Ruby is just that. Hardier and more vigorous. Color is a soft ruby-red shading to garnet-crimson. Attaining a height 6 to 7 feet at maturity, it makes a perfectly formed, well-rounded specimen requiring very little pruning because it flowers well from old wood. We doubt if this would be possible with any other Weigela. 2 to 3-ft. plants, each \$1.50; 3, \$4.00; doz. \$15.00.

**W., Eva Rathke.** Of erect form and vigorous habit. Deep carmine-red flowers. 18 to 24-in. plants, each \$1.50.

**W. rosea.** Remarkably showy flowers. Numerous spreading branches and dark green leaves. The rose-colored blooms are produced in great abundance. 2 to 3-ft. plants, each \$1.50.

### ORNAMENTAL EVERGREENS AND SHADE TREES

Owing to the labor situation in the Nurseries, combined with restrictions on trucking facilities, we are not listing these items this year. However, you are invited to send in your inquiries during March, to enable us to advise you what can be offered during April and May.

HENRY F. MICHELL CO.

## Hedge Plants

### New Red-leaved Barberry

The foliage of this new variety is of a rich, lustrous, bronzy red. All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun.

Strong 15 to 3-in. plants, doz. \$8.50.

### Berberis Thunbergii

#### BARBERRY

A good hardy plant of low, dense growth. It is a brilliant light green from early spring to winter. In autumn the foliage is a bright crimson.

15 to 18-in. plants ..... Doz. \$7 50  
18 to 24-in. plants ..... 8 50

### CALIFORNIA PRIVET

This most popular of all hedge plants should be set 1 foot apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other. This practically places them 6 inches apart, which is desirable to get a quick, dense growth. Plant from October 15 till the ground freezes, and from March 15 to May 15.

1½ to 2 feet.....	Doz.	100
	\$2 50	\$16 00
2½ to 3 feet.....	3 50	24 00
3 to 4 feet.....	5 00	40 00

(Special quotations on 1000 lots.)

Privet plants are best shipped by Express

### GOLDEN or VARIEGATED PRIVET

Like the California variety, but each leaf is margined and blotched golden yellow, giving it, from a distance, a striking appearance. Bushy plants, each \$1.00.

## HERBS

**Curly Mint** (*Mentha crispa*). Attractive curly and twisted leaves used in all kinds of Mint flavoring. The variety mostly used in the South for flavoring drinks. 3, \$1.15; doz. \$4.00.

**Citron or Lemon Thyme** (*Thymus citriodorus*). This Thyme has a delicious lemon scent; may be used as a flavoring for drinks. 3, \$1.15; doz. \$4.00.

**Herb Louisa or Lemon Verbena** (*Lippia citriodora*). Shrubby in habit with leaves in whorls of 3 or 4; lanceolate to 3 inches long, entire or toothed, with odor of lemon; used in finger-bowls; combined with peppermint makes a refreshing tea. Requires a warm, sunny location. In Northern States take indoors for the winter. 3, \$1.50; doz. \$5.00.

**Herb of Grace or Rue** (*Ruta graveolens*). Fine blue-gray leaf. An old-time medicinal herb; used in small quantities for salads. 3, \$1.15; doz. \$4.00.

**Horehound** (*Marrubium vulgare*). A hardy medicinal herb. Leaves and young shoots used as a popular remedy for coughs. Horehound candy is made from the fresh leaves. The soft gray foliage is very ornamental. Does best in a dry soil. Keep plants free from weeds and cut back to the ground in the fall. 3, \$1.15; doz. \$4.00.

**Hyssop** (*Hyssopus officinalis*). Hardy perennial herb grown for ornament in the flower border. Its blue flowers decorate the garden from June to frost. Use the leaves sparingly in salads and broths. Thrives in any ordinary soil. 1½ ft. 3, \$1.50; doz. \$5.00.

**Lad's Love, Old Man, or Southernwood** (*Artemisia abrotanum*). Very useful when planted to form a hedge to the herb border or garden. Can be sheared to form specimens. Dried branches laid in wardrobes will keep moths away. 3, \$1.20; doz. \$4.25.

**Orange or Bergamot Mint** (*Mentha citrata*). A fragrant herb with a scent of orange combined with mint. Used in drinks. 3, \$1.15; doz. \$4.00.

**Parsley.** For garnishing, salads and soups. 3, 60c.; doz. \$2.00.

**Pennyroyal** (*Mentha Pulegium*). A prostrate form of mint; very attractive when in flower. Used for seasoning and as a tea to cause perspiration. 3, \$1.15; doz. \$4.00.

**Peppermint** (*Mentha piperita*). Leaves and tender tops may be infused in cooling drinks. In demand for use as a tea, either by itself or combined with lemon verbena. 3, \$1.15; doz. \$4.00.

**Pineapple Mint** (*Mentha rotundifolia variegata*). This Mint has light attractive edging to its leaves. The young growth has a delicious pineapple odor. Excellent for drinks. 3, \$1.15; doz. \$4.00.

**Pot Marjoram** (*Origanum Onites*). The hardy Marjoram used for seasoning. Its flowers are picked for potpourri; mature flower-heads are also used to flavor cooking. 3, \$1.15; doz. \$4.00.

**Roman Wormwood** (*Artemisia pontica*). A very useful plant in the knotted herb border or garden. The soft gray color of the finely cut foliage makes it a very desirable plant to frame the rose-garden. 3, \$1.15; doz. \$4.00.

**Rosemary** (*Rosmarinus officinalis*). A general favorite. Very fragrant herb. Likes a sunny location. 3, \$1.20; doz. \$4.25.

**Sage** (*Sabia officinalis*). The dried leaves are used to season meats, dressings, and cheese. 3, \$1.15; doz. \$4.00.

**Sweet Woodruff or Waldmeister** (*Asperula odorata*). Used in making Maywine. Spreading herbage; fragrant white flowers. 3, \$1.15; doz. \$4.00.

**Tansy** (*Tanacetum vulgare*). Leaves aromatic, used for flavoring puddings, etc., and for garnishing; use sparingly in salads. July, Aug. 3 ft. 3, \$1.15; doz. \$4.00.

**Tarragon or Estargon** (*Artemisia Dracunculus*). This plant loves a dry soil in a warm sunny situation. Tarragon vinegar is much used in fine cooking. 2 ft. 3, \$1.50; doz. \$5.00.

**Thyme** (*Thymus vulgaris*). A favorite kitchen herb widely used as a flavoring for many kinds of dishes. Gather the shoots when blossoms appear and dry for winter use. 3, \$1.15; doz. \$4.00.

**Winter Savory** (*Satureja montana*). Used as a seasoning; more pungent than Summer Savory, the annual variety. A useful plant for edging the herb border or for use in a knot garden. Grows in poor stony soil; quite hardy. 3, \$1.15; doz. \$4.00.

**Wormwood** (*Artemisia Absinthium*). A 2-foot sub-shrub with white silky leaves; very fragrant. Used as a tonic. 3, \$1.15; doz. \$4.00.

ALL PRICES SUBJECT TO MARKET CHANGES

# Michell's Select Fruits

## Apples

- Delicious.** A good late variety with rosy red fruit of good size. Truly delicious.
- Grimes Golden.** Late. Good size; yellow and of fine flavor.
- Jonathan.** Winter. Fruit medium to large; brilliant red; flesh juicy, fine grained, tender and very highly flavored. Bears heavy crops every year, and comes into bearing early.
- McIntosh.** Winter. Medium size; nearly covered with a bright red; flesh white, tender, juicy, subacid. Tree hardy, vigorous, and healthy.
- Rome Beauty.** Late. Yellow shaded red; solid and juicy.
- Stayman's Winesap.** The best winter variety. Large, juicy, semi-sweet. Fine for eating and cooking. Prolific.
- Wealthy.** Late. Round, red; sweet and a good keeper.
- Yellow Delicious.** Winter. Tree comes into bearing early, producing heavy crops. Very thrifty, hardy, and a vigorous grower. A golden Apple which has won its fame as an outstanding commercial variety.
- Yellow Transparent.** Early and desirable. Good color; juicy and semi-sweet.

## Crab-Apple

- Hyslop Crab.** Large, round, deep red fruit. The best variety for jelly. Sept.
- All Apple and Crab-Apple trees, 5 to 6 ft., each \$2.50; doz. \$27.50

## QUINTUPLET APPLE TREES

½ in. cal. and up

- The popular 5-N-1 Apple varieties on each tree: **Anoka, Red Jonathan, Red Delicious, Yellow Delicious and Transparent.** Each \$6.00.

## Cherries

- Black Tartarian.** Sweet. Very large; black; rich and juicy.
- Early Richmond.** Sour. An early variety of medium size; dark red fruit. Early June.
- Montmorency.** Sour. Large, dark red fruit, about 10 days later than Richmond.
- Napoleon (Royal Ann).** The best and most profitable yellow sweet Cherry. Flesh very firm, juicy, and delicious.
- All Cherry trees, 4 to 5 ft., each \$3.00; doz. \$33.50



Peach, J. H. Hale

## Peaches

- Belle of Georgia.** White, red cheek; flesh white, of good flavor. Freestone. Sept.
- Champion.** A large, handsome early white variety with red cheek; sweet and juicy. Aug.
- Elberta.** The standard market variety. Large; flesh yellow, juicy, and of high quality. A heavy bearer. Sept. 15.
- Golden Jubilee.** Resembles Elberta. Skin yellow with red flesh; flesh golden yellow, juicy, and sweet. Freestone. Early Aug.
- Hale-Haven.** Ripens two weeks before Elberta. Withstands cold temperatures; very hardy. A perfect freestone of extremely high color, yellow fleshed, large in size, good shipping qualities. Heavy bearer.
- J. H. Hale.** Larger than Elberta. Deep yellow with carmine blush; wonderful flavor. Stands shipping. Ripens about Sept. 10.
- Salberta.** Late. Large yellow freestone. Ripens about 10 days to two weeks after Elberta. This new variety is being planted commercially in many Peach-growing sections.
- All Peach trees, 3½ to 4 ft., each \$2.50; doz. \$27.50

## Pears

### SUMMER VARIETIES

- Bartlett.** An old favorite. Juicy, well flavored and a good bearer. Aug.
- Clapp's Favorite.** A fine large yellow variety stained red; flesh fine-grained. Aug.

### FALL VARIETIES

- Anjou.** Fruit large and handsome, yellow with red blush; flesh of good flavor. Late keeper. Oct.
- Duchesse d'Angouleme.** Large; flesh buttery, rich, and juicy. A good standard variety. Fine keeper. Oct.
- Kieffer.** Late. Rather coarse-grained, but when well ripened is good for both eating and preserving. Good keeper. Oct.
- Seckel.** A well-known, dark brown, small variety; flesh very sweet and juicy. Oct.
- All Pear trees, 5 to 6 ft., each \$3.00; doz. \$33.50

## Plums

- Abundance.** A very productive, large variety of light cherry-red color. Aug.
- Burbank.** Fruit round, cherry-red, with lilac bloom. Heavy bearer. Sept.
- Diamond.** Enormous, dark purple fruit with a beautiful bloom. Sept.
- Green Gage.** Large greenish, sweet fruit of good flavor. An excellent variety. Sept.
- Shropshire Damson.** Late. Medium-sized fruit, produced in thick clusters or groups. Tree a strong grower and very productive of dark purple-colored Plums. The popular old-fashioned Damson variety.
- All Plum trees, 5 to 6 ft., each \$3.00; doz. \$33.50

## Apricot

- Early Golden.** Orange-yellow, with faint blush; firm, coarse flesh. One of the best. Few varieties equal in lusciousness the fresh fruit of the Apricot. Should be planted more generally where there is room for trees. Each \$3.00; doz. \$33.50.

FRUIT TREES besides being ornamental provide fine quality tree-ripened fruit for your table.

# Michell's Small Fruits

## Grape-Vines

- Caco.** Red. The most delicious of all Grapes and perfectly hardy. Bunch of good size, compact, and of good form. Rich in sugar, excellent in flavor. Vines very strong, vigorous growers, healthy and prolific. Each \$1.00; 3, \$2.75.
- Catawba.** Red. Delicious flavored; medium-size berry.
- Concord.** Purple. The well-known standard variety that succeeds wherever Grapes will grow.
- Delaware.** Light red with violet bloom. Bunches and berries are small but compactly set, sugary and delicious.
- Fredonia.** Large black berry with heavy bloom. Cluster about medium in size. Very early; good quality; new and very promising.
- Moore's Early.** This is really an early Concord and is the standard early blue Grape. The vines are vigorous, healthy, and productive, bearing fruit of delicious quality.

- Niagara.** Light greenish white. An unusually strong grower. Bunches very large and compact. Berries large, semi-transparent; has very little pulp and is sweet to the center.
- Portland.** White. The earliest of all Grapes. Large bunch and berry; flesh sweet, juicy and of fine flavor. A valuable early Grape for the home-garden. Each \$1.00; 3, \$2.75.
- All Grape-Vines, except Caco and Portland, 2-yr. vines, each 75c; doz. \$8.50

## Blackberries

- Alfred.** For the home-garden, Alfred is the ideal Blackberry. The bushes are loaded with tremendous berries, practically free from seeds, coreless and extremely juicy.
- Eldorado.** Remarkably strong grower and an enormous producer of extra-size berries which are brilliant black and retain their color under all conditions. Very sweet and without core.

All Blackberries, extra-strong plants, doz. \$1.50; 100, \$10.00

## The New Boysenberry

### The Finest Vine Berry Yet Developed

A new hybrid vine berry developed from the Blackberry, Loganberry, and Raspberry.

The fruit, which is dark purple at first, becoming black when fully ripe, is of blackberry form with berries averaging 1½ inches long, with occasional fruit an inch longer.

The fruit is distinctively its own but somewhat resembles the raspberry; the sugar content is high, no sugar being needed with ripe berries. Doz. \$3.50.

## Blueberry

Plant in acid soil, but well drained. Space the plants 5 feet apart. 2-yr., 12 to 18-in. plants, each \$2.50; doz. \$27.50.

ALL PRICES SUBJECT TO MARKET CHANGES

## Strawberry Plants

Because of the scarcity of layer plants during the fall 1944 season, we have arranged to have the varieties marked (●) in potted plants from April 1 to May 10, after which date layer plants will be available. Another crop of potted plants, in all the varieties listed below, will be for sale July to October.

Because of packing costs and labor shortage, the minimum order accepted for plants will be 25.

### STANDARD EARLY VARIETIES

**Blakemore.** Fruit is firm, light in color and ● unexcelled. Ranks high in productiveness.

**Dorsett.** Perfect. The berries are beautiful in appearance; their light color, bright green cap, large size, and attractive shape make them very desirable.

**Fairfax.** Perfect. The berries average very ● large and firm and, picked at the proper time, are a bright red with a light green cap; as they ripen, they become darker and then very dark red.

**Premier.** Perfect. Enormously productive, ● commencing early and bearing through a long season. The flavor is delicious.

**Starbright.** Brighter red than Dorsett, with firm, luscious berries of delightful flavor. A favorite early variety.

### MIDSEASON VARIETIES

**Big Joe.** Perfect. The merits of this excellent variety are great vigor of plant, fine root-system, exceptional productiveness, large size of fruit, excellent flavor.

**Catskill.** Best midseason berry and becoming more popular every year. Large berries, equaling Premier in flavor, carrying a bright green cap.

### LATE-SEASON VARIETIES

**Aroma.** Late. One of the best late varieties. Fruit is large, bright glossy red, of excellent carrying quality.

**Chesapeake.** Perfect. The berries are hand-● some in appearance because of their large size, rich color, glossy surface, uniform shape and bright green cap.

**Lupton Late.** Its double, dark green cap sets the fruit off beautifully. Produces an abundance of large, bright, flame-colored berries.

### STANDARD VARIETIES

**Layer Plants.** 25, \$1.50; 50, \$2.50; 100, \$4.00.

**Potted Plants.** 25, \$3.50; 50, \$6.50; 100, \$10.00.

Every home should have fruit trees, for they are attractive in your garden and give shade, flowers and fresh tree-ripened fruit for your table. Our plants are prolific and certified free from disease.

## EVERBEARING STRAWBERRIES

### Only Potted Plants

**Gem Everbearing Giant.** Even without ● its everbearing qualities, the Gem is a good berry, making a normal yield in the spring of firm, sweet, large, glossy, dark red berries. Repeats in the fall when berries are more or less a novelty and can be marketed at fancy prices or served on the home table. 25, \$4.00; 50, \$7.00; 100, \$12.00.

**Mastodon.** This is unquestionably the most prolific of everbearing varieties. Bears continuously from June till frost, the late fruits being as large as the early crop. 25, \$4.00; 50, \$7.00; 100, \$12.00.

## Raspberries

**Cumberland.** Blackcap. The largest Raspberry known. Selected specimens measure an inch in diameter.

**Latham.** The finest red Raspberry to date. More productive than any other variety. The berries are very large, bright red, and of wonderful flavor.

**Newburgh.** Midseason. Vigorous grower, hardy, and very productive. Fruit very large, firm; does not crumble. Precedes Latham a few days in ripening. An excellent shipper and keeper.

**Ranere Everbearing.** Brilliant red fruit of good size and excellent flavor; in fact, there is no good quality any of the regular varieties of Raspberries possess that is lacking in Ranere.

All Raspberries, extra-strong plants, doz. \$3.50; 100, \$24.00

# Michell's Collections

The Collections offered here comprise worthy varieties well worth having in your garden. Here are included colorful shrubs for spring and summer flowering, shrubs to form a background for perennials, and winter-berryed shrubs to give brilliant color to the bleak winter landscape. Herb collections are included, too, for herb gardens are again in favor.

### Collection A

## HARDY CHRYSANTHEMUMS DOUBLED-FLOWERED VARIETIES

**Avalanche**      **Jean Treadway**  
**Cydonia**      **Rapture**  
**Gold Treasure**      **Theresa**

1 each of 6 varieties for \$2.00  
3 each of 6 varieties for \$5.50

### Collection B

## HARDY CHRYSANTHEMUMS CHOICE DOUBLE-FLOWERED VARIETIES

**Burma**      **Mrs. P. S. du Pont**  
**Lavender Lady**      **Red Velvet**  
**Mandarin**      **Silver Ball**

1 each of 6 varieties for \$3.50  
3 each of 6 varieties for \$9.50

### Collection C

## POMPON AND BUTTON CHRYSANTHEMUMS

**Ethel**      **Mandalay**  
**Goblin**      **Pigmy Gold**  
**Irene**      **Ruby**

1 each of 6 varieties for \$2.50  
3 each of 6 varieties for \$7.00

## Collection D CUSHION CHRYSANTHEMUMS

**Dean Kay**  
**Dean Ladd**  
**King Cushion**  
**My Lady**  
**September Bronze**  
**September Cloud**

1 each of 6 varieties for \$2.00  
3 each of 6 varieties for \$5.50

## MICHELL'S "IDEAL" COLLECTION OF CULINARY HERBS

**Chives** (*Allium Schœnoprassum*)  
**Spearmint** (*Mentha spicata*)  
**Pot Marjoram** (*Origanum Onites*)  
**Thyme** (*Thymus vulgaris*)  
**Sage** (*Salvia officinalis*)  
**Winter Savory** (*Satureja montana*)

1 plant each of the 6 varieties, \$1.75  
3 plants each of the 6 varieties, \$5.00  
6 plants each of the 6 varieties, \$9.50

## MICHELL'S "IDEAL" COLLECTION OF MINTS

**Apple Mint** (*Mentha rotundifolia*)  
**Pineapple Mint** (*Mentha rotundifolia variegata*)  
**Orange Mint** (*Mentha citrata*)  
**Curly Mint** (*Mentha crispa*)  
**Spearmint** (*Mentha spicata*)  
**Peppermint** (*Mentha piperita*)

1 plant each of the 6 varieties, \$1.75  
3 plants each of the 6 varieties, \$5.00  
6 plants each of the 6 varieties, \$9.50

## MICHELL'S "IDEAL" COLLECTION OF FRAGRANT HERBS

**Lavender** (*Lavandula vera*)  
**Pineapple Mint** (*Mentha rotundifolia variegata*)  
**Rosemary** (*Rosmarinus officinalis*)  
**Lemon Thyme** (*Thymus citriodorus*)  
**Lemon Balm** (*Melissa officinalis*)  
**Sweet-Woodruff**

1 each of the 6 varieties, \$2.00  
3 each of the 6 varieties, \$5.50  
6 each of the 6 varieties, \$10.50

## BERRY-BEARING SHRUBS

A planting of this Collection will give you interesting material to cut for the home during summer, autumn, and winter. All these shrubs are quite hardy. 18 to 24 in.

**Winterberry** (*Ilex verticillata*)  
**Nannyberry** (*Viburnum Lentago*)  
**Beauty Berry** (*Callicarpa purpurea*)  
**Snowberry** (*Symphoricarpos racen.osus*)  
**Coralberry** (*Symphoricarpos Glenaultii*)  
**Gray Dogwood** (*Cornus paniculata*)

The collection of 6 varieties for \$5.00  
Value \$6.00

## FLOWERING SHRUBS

A planting of these popular Flowering Shrubs, will brighten any garden. Strong plants. 24 to 30 in.

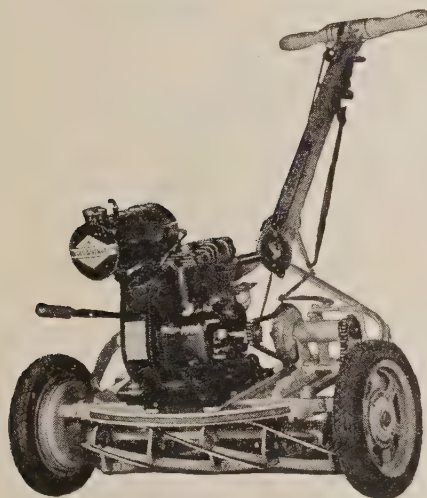
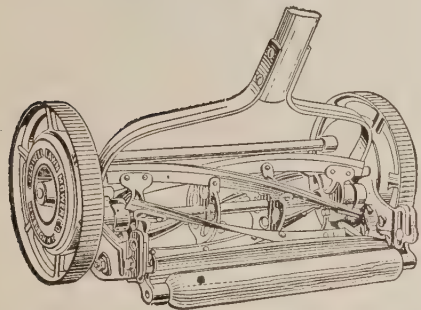
**Goldenbell** (*Forsythia*)  
**Rose of Sharon** (*Hibiscus*)  
**Rugosa Rose** (*Rosa rugosa*)  
**Weigela, Eva Rathke**  
**Chinese Lilac** (*Syringa chinensis*)  
**Sweetshrub** (*Calycanthus floridus*)

The Collection of 6 varieties for \$5.00  
Value \$6.00

# Michell's Farm and Garden Tools

According to advice received from the War Production Board, Lawn Mowers will be released for the 1945 season. If that is the case we will offer the Coldwell Power Mowers, Pennsylvania Hand Mowers, Philadelphia Hand Mowers, and Clemson Hand Mowers.

## LAWN MOWERS



Power Mower

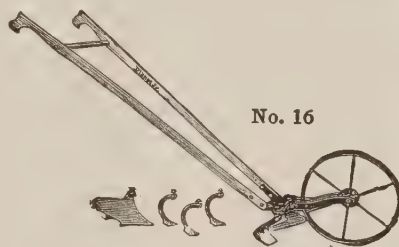
### Parts of Planet Jr. Wheel Hoes

Disc Hoes 3350-51X. Pair.....	\$3 75
4½-in. Hoes S100-S101. Pair.....	1 20
6 -in. Hoes S100-S101. Pair.....	1 30
7½-in. Hoes S100-S101. Pair.....	1 50
9 -in. Hoes S100-S101. Pair.....	1 70
Peat Land Hoes. Pair.....	1 80
3-prong Cultivator Teeth, S42. Pair...	1 50
Cultivator Teeth Regular, No. 1395, all steel. Each.....	35
Narrow Cultivator Teeth, No. 2775, all steel. Each.....	35
Rakes, 3-tooth, S24. Pair.....	1 00
Rakes, 5-tooth, S25. Pair.....	1 50
Plows for Double Wheel Hoes, M5. Pair.....	1 40
Plows for Single Wheel Hoes, R6. Each.	1 15
Double Mouldboard Plows, 4678X. Each.....	1 70
Handles. Pair.....	1 25

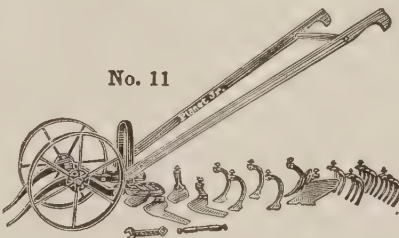


## GARDEN TOOLS

We will have for the season of 1945 a limited quantity of Planet Jr. Wheel Hoes, Cultivators, and Seeders. At the time this Catalogue goes to press we do not know the exact amount of units which we will receive. Place your order as early as possible. Orders will be filled in rotation, and just as soon as our supply is exhausted, all other orders will be returned. You will find illustrated below a few of the more popular models which we hope to receive.



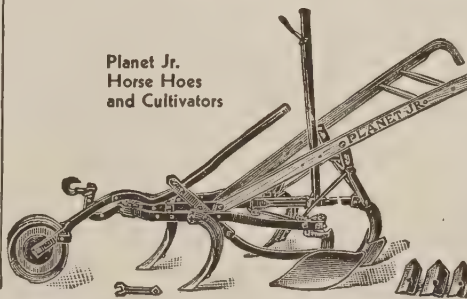
No. 16



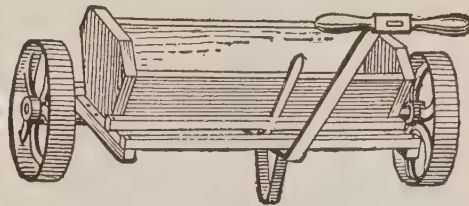
No. 11



No. 25



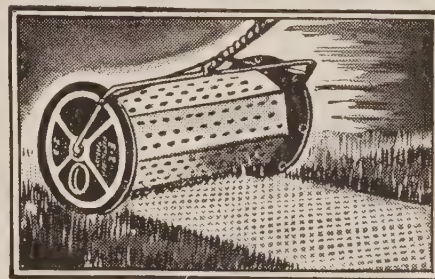
Planet Jr.  
Horse Hoes  
and Cultivators



### Stevens Fertilizer Distributor

For distributing commercial fertilizers on fields, lawns, golf courses, etc., also for sanding putting-greens. Insures perfect and even distribution.

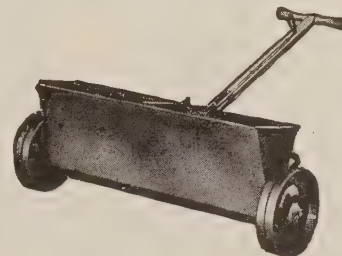
Holds about 2 bushels; covering area, 3 feet wide. Price, \$35.00.



### E-Z Fertilizer Spreader

Fertilize your lawn - - Sow your seed the NEW E-Z way!

It's fun to fertilize your lawn the new "E-Z" way. Simply fill container, guide like a vacuum cleaner, and your lawn is covered—quickly, scientifically, uniformly. Dependable construction assures long life for this efficient, economical Fertilizer Spreader. Price, only \$1.25.



### Michell's Fertilizer Spreader

This Spreader was developed for the purpose of applying fertilizers on flower beds and vegetable gardens before the seeds are sown; also, to sow grass seeds, top dress lawns, and for many other purposes. Adjustments can be made so as to regulate the quantity desired to be applied.

No. 1115. 16-in.....	\$8 50
No. 1215. 24-in.....	18 50
No. 1315. 30-in.....	24 50

Parcel Post charges where named are for shipment to the First and Second Zones; for other ones, please see Parcel Post Table, page 1.

ALL PRICES SUBJECT TO MARKET CHANGES

## MICHELL'S FARM AND GARDEN TOOLS



### Wheelbarrow Grass Seeder

A practical machine for use on the farm and also for sowing parks and golf grounds. Quickly regulated to sow different quantities per acre. The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly.

**No. 106.** Sows a width of 10 ft. Developed especially for seeding golf courses, parks and country estates. . . \$23 00

**No. 5.** Sows a width of 14 ft. . . . . 21 00

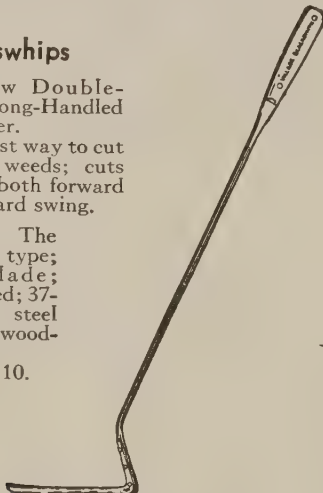
### Grasswhips

The New Double-Edged, Long-Handled Grass-Cutter.

The easiest way to cut grass and weeds; cuts rapidly on both forward and backward swing.

**No. 200.** The gooseneck type; forged blade; double edged; 37-in. round steel shaft, with wooden handle.

Price, \$1.10.



### Aerol Weed Burner

For destroying any kind of weed or brush, killing stems, roots, and seeds. Burner can be used with any type compression tank.

**No. 99.** Complete with 4-gal. tank and hose. Price, \$20.00.

Without tank. Price, \$12.50.



### Tennis Court Markers

**No. 5. Excelsior.** A practical low-cost Marker, easy to operate. Rear marking action only. Suitable for grass or dirt. Capacity, 2½ gallons. Price, \$13.50.

**No. 10. Excelsior.** Capacity 3½ gallons. Price, \$30.00.

**No. OX.** The most practical Marker where dry lime is used. Price, \$3.50.



No. 5



No. OX

### Commercial Whiting

An improvement over lime for marking tennis courts and athletic fields. Will not crack or curl and is less affected by rain. 50 lbs. \$2.00; 100 lbs. \$3.75; bbl. (250 lbs.) at \$3.00 per 100 lbs.

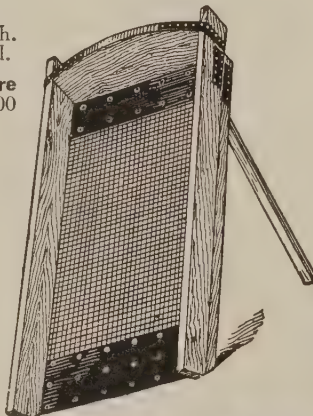
### Sieves

Any size mesh. Made extra well.

**Galvanized Wire 18-in.** \$2.00 each.

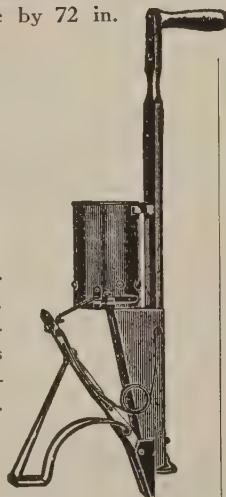
### Large Upright Sieve

For gravel, soil, sand, etc. Made in any size mesh, of extra-heavy grade foundry wire. Size 30 in. wide by 72 in. high. Price, \$24.00.

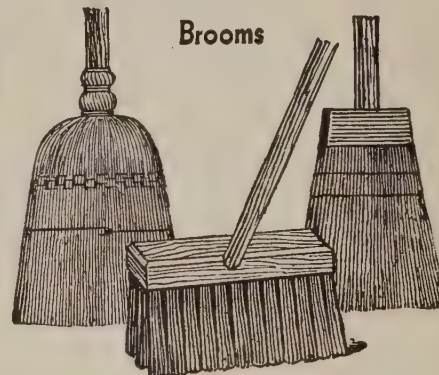


### American Hand Corn-Planter

A great seed economizer and labor saver. Easily operated, accurate and reliable; works in all kinds and conditions of soil. Price, \$4.00.



### Brooms



### Plain Corn Rattan Push Fibre

	Each
<b>No. 9.</b> Fibre. . . . .	\$1 75
<b>No. 8.</b> Corn and Rattan mixed. . . . .	1 75
<b>Golf Greens.</b> Birch. . . . Doz.	\$5.00. . . 75
<b>No. 7.</b> Plain Corn. Extra quality. . . .	1 75

### Road Brushes (With Handles)

<b>No. 271.</b> Rattan Push. 14-in. . . . .	\$2 50
<b>No. 1414.</b> Bass or Cocqa Push. 14-in. .	1 65

### Sterling Mounted Grindstone



Substantially made; heavy steel frame with seat and double treadles. Fitted with improved ball bearings of the very best quality, encased so they will keep clean. Stone, 19 to 22 in. diam., 1¾ to 2½ in. thick. Weight, 100 lbs. Shipped knocked down, crated. Price, \$15.00.

### Flat Files

	Each
For sharpening lawn mowers. . . . .	
8-in. . . . .	\$0 35
10-in. . . . .	60
12-in. . . . .	90

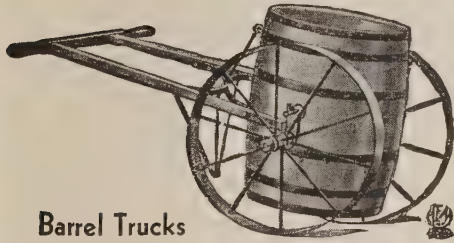


### Scythe Stones

	Each	Doz.
<b>Sir Pike.</b> Talacre Style. . . . .	\$0 35	\$4 00
<b>Talacre.</b> Imported. . . . .	50	5 75
<b>Darby Creek.</b> . . . .	30	3 35

ALL PRICES SUBJECT TO MARKET CHANGES

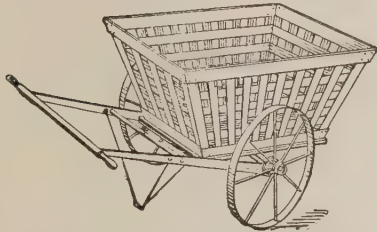
## MICHELL'S LAWN AND GARDEN TOOLS



### Barrel Trucks

The Truck is constructed so that the Barrel may be detached quickly and the leaf rack attached.

**Truck** with 3½-in. tires, all-iron wheels.....\$25 00  
**Barrels**, with trunnions, open head.. 12 00  
**Truck and Barrel, Complete**..... 37 00



### Wood Leaf Racks

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water-barrel truck, as shown.

**Leaf Rack** only, no truck.....\$18 00  
**Leaf Rack** with 3½-in. tire truck... 42 50  
**Truck** with 3½-in. tire wheels, no rack or barrel..... 25 00

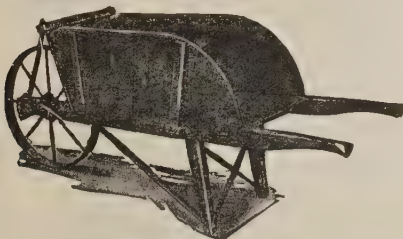


### Keystone Leaf Rack

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass, and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$9.50.

### Wheelbarrows

The measurements of Barrows indicate: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.



### Michell's Wheelbarrows.

	Tire In.	Length In.	Depth In.	Width In.	
<b>No. 1</b> .....	23¼	30	12	25	\$12 00
<b>No. 2</b> .....	23¼	28	12	24	11 00
<b>No. 3</b> .....	23¼	26	12	22	10 00
<b>No. 4 (Boys)</b> .....	18¼	22	9	18	7 50

**Special Greenhouse Style.** Narrow body and handle width.....\$12 00

## GARDEX TOOLS

These modern tools enable the farmer and gardener to do their work in a much easier and more efficient manner. They eliminate the hard work, stooping, bending, and back-breaking, chopping motions. Tools are not lifted out of the soil, but stay in the ground as you go along thus saving you a lot of energy. They have been successful not only in the garden, but also on the farm, in vineyards, and in forests.

**No. 751. Gardex Dibble.** Made of steel, hollow, light as a feather, with a pistol grip which does not tire your hand when planting. Painted red. Half polished. Size overall 11¾ in. Price, 80c.

**No. 750. Gardex Hollow Planter.** Lifts out the earth through its conical tube. This tool is especially suited for hard soil; with its pistol grip it is pushed into the soil, given a quarter turn and then lifted out. The soil is not packed but taken up by the hollow tube automatically through the opening at the top as the next hole is dug. Thus the walls of the hole are not packed which gives the young plants an easy bed for a quick start. Painted red. Diameter of hole, 1½ in. Price, 75c.



**Seven Tools in One—Gardex New Interchangeable Cultivator.** Only four parts. The wing screw holds all prongs tightly in place, yet permits quick changing to a Cultivator with 1, 2, 3, 4 prongs, thus one can cultivate in rows of various widths or straddle the rows. The one-prong tool can be used in small corners or very narrow rows, because the prong-holder is no wider than the prong itself. Price, \$1.50.

**No. 1523. Gardex Cultivator with Weeder.** Cultivate and weed with one tool. The 3-prong Cultivator loosens the soil thoroughly while the weeding-blade cuts off weeds quickly. One tool for two purposes. Painted red. 3 prongs 4½ in. wide. Weeding-Blade 4 in. Price, \$1.25.

**Gardex Tools**  
 Made of finest grade, high carbon steel.

**Pull Hoe**  
 Weeds as it cultivates.  
**No. 1004.** 4 in. wide; 4½-ft. handle. Price, \$1.10.

**No. 1005½.** 5½ in. wide; 5-ft. handle. Price, \$1.25.

**Culti-Claw**  
 The ideal tool for flower and rock-gardens.  
**No. 180.** 4½-ft. handle. Price, \$1.10.

### Hand Plow

Excellent for hilling corn, potatoes, or any plants.

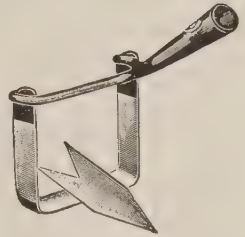
**No. 2006.** 6 in. wide; 5-ft. handle. Price, \$1.75.



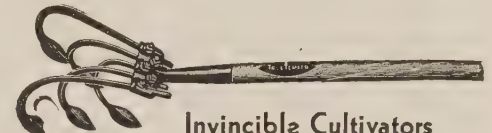
### Garden Pull Hoe Weeder No. 110

Weeds efficiently even in hard, dry, heavy soil. Accomplishes five to six times as much weeding as is possible with the old-style chopping hoe. Does a thorough job in your garden or in the field, in any type of crop.

With 1 Gardex Share. Width 5 in. Price, \$1.50.

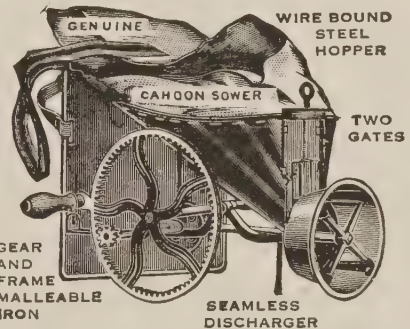


With 2 Gardex Shares. Width 8½ in. Price, \$2.10.



### Invincible Cultivators

This will be found a useful tool for weeding, loosening the soil, preparing seed-beds, etc. Price, with long handle, 3-prong, \$1.25; 5-prong, \$1.50.



### Broadcast Seed Sowers

For accurately sowing timothy, clovers, millets, and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

**Cahoon**.....\$8 00

ALL PRICES SUBJECT TO MARKET CHANGES

Buy a sturdy steel spade to make digging easy

## MICHELL'S LAWN AND GARDEN ACCESSORIES

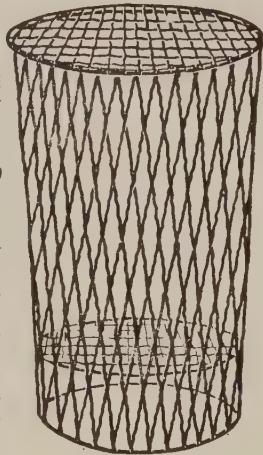
### Rubbish Consumers

**No. 5.** Made of heavy, crimped wire; meshed top and bottom; galvanized; 29 in. high. Price, \$7.50

### Garden Line

Best-quality white cotton braid, woven closely. 100-ft. hanks. Price, \$1.50.

**Plow Line.** Cotton. 45-ft. hanks. Price, 90c.



### Poles for Tree Pruners

10 ft. long, 1½-in. diam. .... \$2 00  
12 ft. long, 1½-in. diam. .... 2 25  
14 ft. long, 1½-in. diam. .... 2 50  
**Bamboo.** 12-ft., in 3 sections. .... 1 75

### Clyde Tree Trimmer

**No. 5407.** Both blade and hook are made from the best tool steel, firmly riveted to basswood handles. Removable cutting blade and pole complete.  
6-ft. .... \$3 00  
8-ft. .... 3 25  
10-ft. .... 3 50  
12-ft. .... 3 75  
14-ft. .... 4 00  
**Extra Blades for Clyde Pruners, each 35c.**

No. 1R

### Bartlett Compound Tree Trimmer

**No. 1R.** Has a compound lever head and is made with a hook and side lever. Will cut a limb up to 1¼ inches in diameter. Prices with pole complete.  
6-ft. .... \$6 50  
8-ft. .... 6 75  
10-ft. .... 7 00  
12-ft. .... 7 50  
14-ft. .... 8 00  
16-ft. .... 8 50

### Pruning Compound

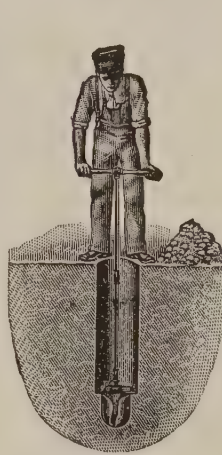
Qt. .... \$1 75  
Gal. .... 3 75

### Pruning Gloves

**No. 280.** Horsehide, with gauntlets, Pair lined. .... \$2 25  
**No. 217.** Horsehide, with gauntlets, not lined. .... 1 85  
**No. 228F.** Horsehide, no gauntlets, not lined. .... 2 00

### MicHELL's Soil Auger

A handy tool used extensively for tree-feeding. Will cut a 1-inch hole in the heaviest soil to any depth up to 30 inches. Price, \$3.00.



No. 8 Digger



Eureka



Spade

### Post Hole Diggers

**No. 8.** This bores a hole 3½ feet deep and can be adjusted in diameter from 8 to 14 in. Price, \$7.25.  
**No. 15. Eureka.** Price, \$3.00.  
**Post-Hole Spade.** All steel with tamper end. Price, \$4.25.

### Picks

(Price without handle.)

All steel double point. .... \$2 00  
Handles, each .... 50

### Mattocks

(Price without handle.)

Pick pointed. .... \$1 75  
Axe pointed. .... 2 50  
Half Mattocks or Grub Hoes. .... 2 25  
Handles, each. .... 50

### Scythes

The Little Giant is the best American-made Scythe for field and heavy grass work.

**Little Giant.** 32-in. .... \$2 25  
34-in. .... 2 25  
36-in. .... 2 25  
**Little Giant Brush or Briar.** .... 2 25

The English Scythes are best for fine grass or lawn work.

### Scythe Handles

**No. 30.** Made of hardwood, well finished. **Regular Scythe Style.** Price, \$2.25.  
**Snath Clips.** Price, 30c.

### Tree Scraper

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.

**No. 3.** Short handle. Price, 75c.

### Corn Knife

**No. 300. Eureka.** Bent blade. Price, 90c.

### Horticultural Knives

**No. 727W.** 2 blades. Price, \$1.60.  
**No. 1001.** 1 blade. Coconut handle. Price, \$1.50.



### Neegards

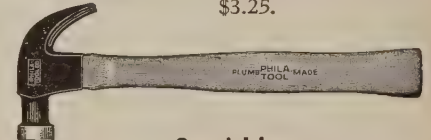
#### The Modern Knee Protector

Ideal for gardening and housework, floor-work, linoleum laying, mining, deckwork. Makes kneeling on hard, rough ground or floors easy. They form-fit your knees and stay in place. (Can be worn over or under clothes.) Price, \$1.35.



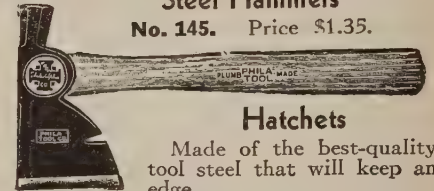
### Axes

**Plumb Made.** Medium man's size; made of best-quality steel. Price, \$3.25.



### Steel Hammers

**No. 145.** Price \$1.35.



### Hatchets

Made of the best-quality tool steel that will keep an edge.

**Plumb.** .... \$1 75

### Monkey Wrenches

Made of first-quality hard steel. Each  
8-in. .... \$1 50  
10-in. .... 2 00

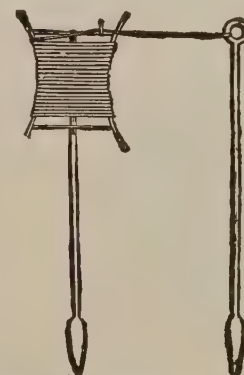
### Steel Pliers

**No. 70.** Side-cutting, 6-in. .... \$2.00  
**No. 70.** Side-cutting, 7-in. .... 2.25



### Screw Drivers

Each  
4-in. .... \$0 35  
8-in. .... 50



### Husking-Pins

**The Boss.** Combination, leather and metal. Price, 40c.

**Garden Reels**  
**Medium.** Single. Price, \$3.00.

**Small.** Single. Price, \$2.00.

SEE PAGE 1  
FOR PARCEL POST  
RATES

ALL PRICES SUBJECT TO MARKET  
CHANGES

## MICHELL'S FARM AND GARDEN TOOLS, ETC.



**Oak Lawn Rakes**

18-in.....	\$1 50
24-in.....	2 00
30-in.....	2 50

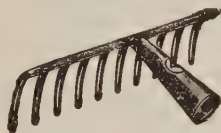
### Tennis Court Rake

An exceptional Rake, 24 inches wide, with 36 teeth, braced on shoulders. This Rake is for special work on tennis courts, new work on golf greens, lawns, and for general purposes where a fine Rake is required. Price, \$3.75.



**No. 960 1/2. Competitive Field and Garden Hoe** with Gardex socket pattern, high carbon steel blade. One-third polished. 4 1/2-ft. handle. Blade width 6 1/2 in. Price, 75c.

**No. 251. Gardex Curved Tooth Rake.** Equipped with Gardex handle socket which does not allow the handle to wobble.



It is a well-balanced Rake which will rest easily in the hand without tiring the arm. An all-steel Rake of good quality. Painted green. 14 teeth. 5-ft. length. Price, \$1.00.

### Wooden Rakes

**Ames, No. 37X.** 28-tooth; width 26 in.; steel bows. Price, \$1.50.

### Steel Garden Rakes

Made of best cast steel, with long teeth.

<b>No. 12.</b> 12-tooth.....	\$1 20
<b>No. 14.</b> 14-tooth.....	1 35
<b>No. 16.</b> 16-tooth.....	1 50
<b>No. 18.</b> 18-tooth.....	1 75

### Steel Gravel Rakes

These Rakes are used for road-making and for paths. Having short teeth, they do not gather up stones or gravel.

<b>No. G14.</b> 14-tooth.....	\$1 75
<b>No. G16.</b> 16-tooth.....	1 85

### Steel Bow Rakes

Preferred by many to the regular garden Rake, the teeth being slightly bent toward the operator.

<b>No. B12.</b> 12-tooth.....	\$1 45
<b>No. B14.</b> 14-tooth.....	1 55
<b>No. B16.</b> 16-tooth.....	1 75

### SC 14-Tooth Rake



One of the best garden Rakes. Price, \$1.35.

### Michell's Excelsior Steel Garden Rake

Nicely balanced; 16-tooth only. Price, \$1.00.

### Manure Fork



The above Fork is the most widely used style of all Manure Forks. When the manure is coarse or mixed with straw and cornstalks, this is the pattern to use because it has the wide spacing between the tines. Price, \$1.95.

### Manure Forks

Strapped Shanks	Each
4-tine. Light, short handle.....	\$2 20
4-tine. Heavy, short handle.....	2 75
4-tine. Long handle.....	1 95
5-tine. Long handle.....	2 20

### English Digging Fork

**No. ED4.** The prongs are solid steel, with square instead of round edges, which adapts it especially for digging in heavy soil, in which it works with ease. Every gardener should add one of these to his collection of tools. 4-tine, \$3.40 each.

### Spading Forks



Strapped shanks; short or D wood handle. Made of best-quality steel.

**No. 04HW. Men's.** 4-tine.....\$2 10

### Steel Hay Fork

**No. 036B.** 3-tine; 6-ft. handle.....\$2 35

### Hazeltine Weeder

**No. 200.** Price, 60c. (by Parcel Post, 70c.).

### Cleveland Lawn Weeder

Easy to operate; saves the back. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull dislodges it, without disturbing the surrounding soil. Price, \$1.35.

### Eureka Weeding Fork

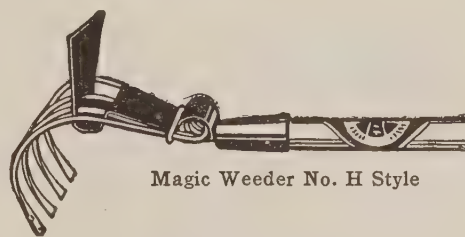
**No. 300.** Made of best flexible steel. Fine for loosening soil in the garden, in hotbeds, etc. Short handle. Price, 70c.

**No. G4.** Long handle. Price, \$1.00.

### Eureka Weeder

**No. E.** Made of flexible steel; very light. An ideal tool for market gardeners, florists, and amateurs. Short handle. Price, 70c.

**No. EL4.** Long handle. Price, \$1.00.



**Magic Weeder No. H Style**

### Magic Weeder

Made of heavy, galvanized, flexible wire with flattened prongs or ends.

<b>No. A.</b> Short handle; small.....	\$0 20
<b>No. B.</b> Short handle; medium.....	25
<b>No. F.</b> Long handle.....	90
<b>No. H.</b> Long handle; large.....	1 35

### Excelsior Weeder

Made of malleable iron, finished in tin. Price, 20c.



### Ideal Dandelion Extractor

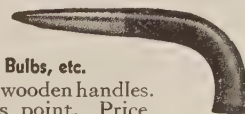
This simple device is the best thing of its kind ever used for taking weeds out of the lawn. It is not necessary to get down on hands and knees to operate it. The cutting blade is of the best steel, equipped with a convenient handle, so that either man, woman, or child can use it. 60c. each.

### Dibbles

For Planting Bulbs, etc.

Equipped with wooden handles.  
**No. 2180.** Brass point. Price, \$1.50.

**No. 218.** Iron point. Price, \$1.00.



### Johnson Steel Trowels

**No. 211.** These are made of one-piece steel blade and shank, with wood hand-grip.  
5-in.....\$0 90  
6-in.....95  
7-in.....1 00



### Cleves' Angle Trowel

**No. 217.** For getting dandelion, plantain and other weeds out of the lawn, and transplanting. Each  
5-in.....\$0 30  
6-in.....35  
7-in.....40



### Transplanting Trowel

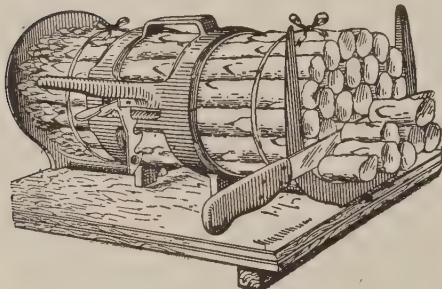
Steel shank and blade. Price, \$1.00 (by Parcel Post, \$1.10).

### All-Steel Trowel

Price, 30c.

ALL PRICES SUBJECT TO MARKET CHANGES

## MICHELL'S FARM AND GARDEN TOOLS, ETC.



### Asparagus Bunchers

Even where one has a limited amount of asparagus to market, it pays to use a Buncher. Price, with knife-guard, \$4.50.

### Asparagus Knives

	Each
No. 2501.....	\$0 50
No. 2500.....	50
No. 2311.....	50

### Asparagus Tape

**Fast Red.** 1000-yd. spool. Price, \$6.50.  
**Green.** 1000-yd. spool. Price, \$4.50.



### No. 114 Pruning Saw

The No. 114 Pruning Saw has a hook on socket for pulling branches out of trees. This Saw is generally used with a pole. Blade curved, taper ground, with 14-inch cutting edge. Long, slender, needle-shaped teeth, 8 points to inch. Price, \$2.50.

### Disston's No. 55 Pruning Saw and Shear

Known as "The Orchard" and is the best combination Saw and Shear made. Curved blade makes it easy to engage and to saw the higher branches of a tree when used with pole. Can be used to advantage on the lower branches without the pole.

The blade is made of Disston steel, taper ground, with a curving taper from butt to point, 9½ inches on cutting edge; has long, slender, needle-shaped teeth; 8 points to the inch. Blade is secured to hook with round-head machine screws.

Shear frame and socket is made of malleable iron, colored orange. Shear blade of Disston steel, hardened and tempered. The shearing action of the blade makes a smoother, easier cut than any other Shear of this type.

The hook will take a ¾-in. or smaller limb. Shear blade is 4 in. long with 1½-in. cutting edge. Inside diameter of socket, 1½ in.; length, 2¼ in. Strong spring returns knife to open position. Price, \$3.85.



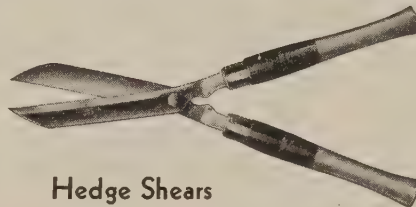
### Carpenter's Saws

When ordering, state if rip or cross-cut is desired.

**Disston No. 8D.** 26-in. blade. Price, \$3.75.

### Cross-Cut Log Saws

**No. 554. Champion.** One-man. 3-ft. blade.....\$4 00



### Hedge Shears

American

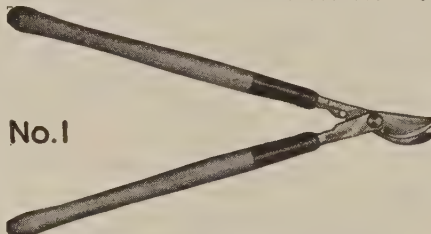
8-in. ....  
9-in. ....  
10-in. ....  
Prices on application  
**Lock Bolts, Nuts, and Washers** for Hedge Shears. 25c each.



No. 4

### Disston Pruning Saws

**No. 4.** 18-in., double edge.....\$2 10  
**No. 5.** 18-in., double edge, curved blade..... 2 30  
**D27.** Steel blade, 6 in. wide at butt; 1¼ in. at point; 26 in. long. Hardwood handle..... 4 00



No. 1

### Disston Lopping Shears

**No. 1.** 27½-in. handles.....\$3 75



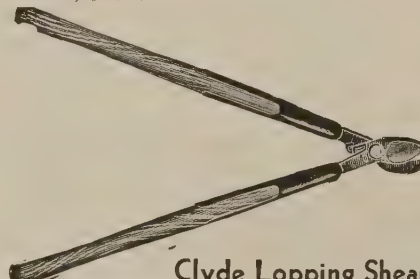
### Lopping Shears

**No. 7.** All-steel blade and arms. Blade 3 in. long; arms 15 in. long. Hardwood handles, 8 in. long. Weight, 1¼ lbs. Price, \$4.00.



### Clyde Draw-Cut Lopping Shears

**No. 5402.** Blade, hook, and shank are forged tool steel. Natural finish ash handles 30 in. long. Pressed steel stripped ferrule and cap. Price, \$4.75.



### Clyde Lopping Shears

**No. 5409.** Solid tool-steel blade and hook. Hardened steel bolt with lock nut. Handles natural finish ash, 2 ft. long. Polished pressed steel ferrule and cap. Price, \$2.25.

### Border Shears

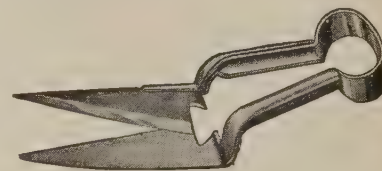
Made of finest American steel. They take the place of edging knives and avoid the necessity of doing much stooping. The Shears without wheel work equally as well as those equipped with wheel; this feature is an item of individual preference only.

**No. 1102.** 9-in. Without wheel.....\$4 75  
**No. 1103.** 9-in. With one wheel..... 6 25  
Handles for Border Shears. \$1.25 per pair.

### Lawn Shears

For trimming under shrubbery, fences, and other out-of-the-way places. The two wheels permit the Shears to move over the ground freely, backward and forward.

**No. 1104.** 8-in. blade; long handle. Price, \$5.75.



### Grass Shears

For trimming along walks and curbing and in other inaccessible parts of the lawn missed by the mower.

**No. 235. American.** 6-in.....\$0 85  
**No. 012. American.** 6-in..... 2 50  
**No. 0267. American.** 5½-in..... 1 50

### Pruning Shears

These are procured from the most reliable makers and are fully guaranteed.

	Length	Each
<b>No. 107. Disston</b> .....		\$2 25
<b>No. 156. Disston</b> .....	8½ in.	3 50
<b>No. 127. Disston</b> .....	8¼ in.	2 25
<b>No. 143. Disston</b> .....	9 in.	1 75
<b>No. 142. Disston</b> .....	9 in.	1 25
<b>No. 5. Michell</b> .....	9 in.	65

**Spiral Springs.** For any of the above Pruning Shears, each 25c.; doz. \$2.50.



### Sickles or Grass Hooks

**World's Finest.** No. 11½.....\$1 00  
**Champion.** No. 1½..... 75  
**Hand Made.** No. 1..... 60  
**Perfect.** No. 4..... 90

**The Little Giant Long Handle Grass Hook** has a polished blade 12½ inches long, a pressed steel shank, enameled red, with a 42-inch handle, 1½ inches in diameter. Price, \$1.25.

**Little Giant Grass Hook.** Price, 80c.  
**Lawn King Grass Hook.** Price, \$1.00.



### Steel Scoop Shovels

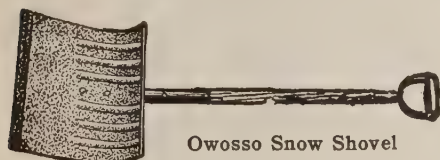
Strapped shank; wood D or short handles.

**No. 2.** 10-in. mouth.....\$2 00  
**No. 3.** 11-in. mouth..... 2 10  
**No. 4.** 11½-in. mouth..... 2 25  
**No. 5.** 12-in. mouth..... 2 35  
**No. 6.** 13-in. mouth..... 2 50

## MICHELL'S FARM AND GARDEN ACCESSORIES

### Wire Scoop Shovels

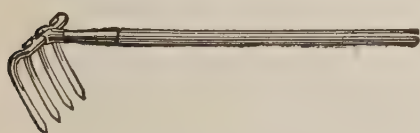
For handling potatoes, turnips, and root crops without bruising or cutting. Made of heavy steel wire. Price, \$3.25.



Owosso Snow Shovel

### Snow Shovels

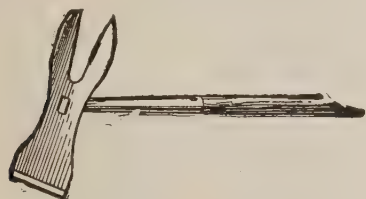
	Each
<b>Owosso.</b> Galvanized. 16 in. wide....	\$1 40
20 in. wide.....	1 75
<b>No. 218.</b> Cronk. Steel.....	1 50



### Manure Drags

For spreading manure, digging potatoes, etc. Flat tines.

<b>No. 4.</b> 4-tine.....	\$1 85
<b>No. 6.</b> 6-tine.....	2 20



### Two-Prong Onion Hoe

Will be found very valuable in weeding narrow rows. **No. 2P.** Price, \$1.20.

### SBT7 Square-Top Hoe



These are the standard Hoes of the sugar beet industry, for which they were first designed. They have become very popular with victory gardeners as they find it is only necessary to scrape the sharp blade along the top of the soil which will penetrate with very little effort. Price, \$1.40.

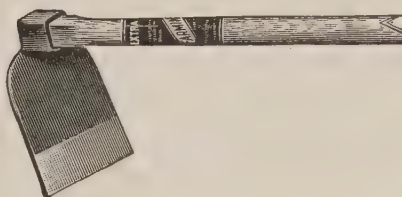


### Mattock Hoes

#### Dig Ezy Pattern

Union quality. Blade and eye forged in one single piece. Blades black. Depth of head 12 7/8 in. Round eyes. 4 1/2-ft. handles.

	Width of Blades	Price
<b>No. MH3.</b> .....	1 1/2 and 3 in.	\$2 50



### Square Eye Hoes

#### Garden or Field Pattern, Handled

Union quality. Polished bits. Blade and eye forged in one piece. 4 1/2-ft. handles.

	Width and Depth of Blade	Price
<b>No. GE7-0</b> .....	4 x 6 in.	\$1 60
<b>No. GE3-0</b> .....	6 x 6 in.	1 85
<b>No. GE1</b> .....	7 1/2 x 6 3/4 in.	2 00

### Dock and Thistle Cutter



No. SSS

<b>No. SSS.</b> .....	\$2 50
-----------------------	--------

### Implement Handles

	Each
<b>Axe.</b> .....	\$0 50
<b>Spade.</b> Plain.....	75
<b>Spading Fork.</b> Plain.....	90
<b>Manure Fork.</b> Plain; short.....	75
<b>Manure Fork.</b> Plain; long.....	75
<b>Shovel.</b> Plain; short.....	75
<b>Spade.</b> Plain; short.....	75
<b>Hoe.</b> Plain.....	35
<b>Rake.</b> Plain.....	50
<b>Pick or Mattock</b> .....	50
<b>Poles.</b> 12-ft.....	2 25
14-ft.....	2 50

SEE PAGE 1 FOR PARCEL POST RATES

### Dock Lifter

For field and farm use. Will uproot the deepest-seated weed or dock; has tremendous leverage. Made of wrought iron and oak wood—no wear-out to it. Price, \$8.00. (Not mailable.)

### Carborundum Rifle

Price, 35c. each.

### Carborundum Files

**No. 57.** Price, \$1.00 each.

### South Bend Plows

For garden, farm, or trucker's work; made of chilled steel in various sizes.

<b>No. 1B.</b> Wood beam plain; for one horse.....	\$15 00
<b>No. 2F.</b> Wood beam plain; for one heavy or two light horses.....	18 00
<b>No. 3F.</b> Wood beam plain; for two horses.....	19 50

The prices above are for plain Plows with clevis only.

The No. 3 Plow can be equipped with wheel and jointer at the following additional cost:

<b>Wheel only</b> .....	\$2 50
<b>Jointer only</b> .....	4 70

The Nos. 1 and 2 are too light for wheel and jointer.



### Champion Sod Cutter

The best and most satisfactory machine on the market. This machine will cut in one hour as much as two men can cut in a day. The machine is so constructed that it can be adjusted to cut the sod to a uniform thickness, 1 to 2 inches; has a reversible knife. Price, \$67.50. Extra knives for above, \$16.50. Disc Knives, \$3.50.

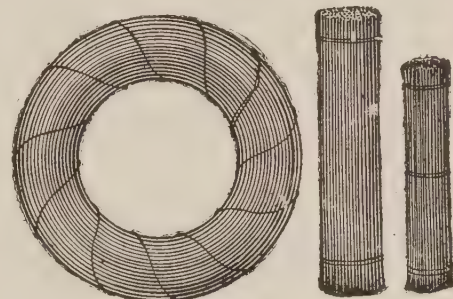


American

### Turf or Sod-Lifters

This tool is indispensable for cutting and handling sod. The long shank permits uniform thickness, which is impossible to obtain with a spade.

**American.** Steel blade, with an 18-in. steel shank and wood D handle. Price, \$2.75.



### Wire

	Lb.	12-lb. Stone
<b>No. 16.</b> Galvanized.....	\$0 25	\$2 25
<b>No. 18.</b> Galvanized.....	30	2 40
<b>No. 19.</b> Galvanized.....	30	2 50
<b>No. 20.</b> Galvanized.....	35	2 75
<b>No. 22.</b> Galvanized.....	40	2 85
<b>No. 24.</b> Galvanized.....	40	3 00
<b>No. 16.</b> Annealed.....	20	2 00
<b>No. 18.</b> Annealed.....	20	2 15
<b>No. 20.</b> Annealed.....	25	2 50
<b>No. 22.</b> Annealed.....	30	2 60
<b>No. 24.</b> Annealed.....	35	2 75

### Cut Bouquet Wire

#### For Stemming Flowers

Cut 9, 12, or 18 inches in length.

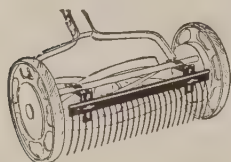
	Lb.	12-lb. Stone
<b>No. 18.</b> 18 in. only.....	\$0 25	\$2 25
<b>No. 19.</b> 18 in. only.....	30	2 60
<b>No. 20.</b> .....	30	2 75
<b>No. 21.</b> 18 in. only.....	35	2 85
<b>No. 22.</b> .....	40	3 25
<b>No. 24.</b> .....	50	3 75

ALL PRICES SUBJECT TO MARKET CHANGES

## MICHELL'S SPRAYING APPARATUS

### Crab-Grass Eliminators

Adjustable to fit all mowers. Lifts the seed spikes from the surface ready to be cut in the normal operation of the mower.



12-in. size . . . \$1 65  
14-in. size . . . 1 90  
20-in. size . . . 2 15

### Sudbury Soil-Test Kit

**Professional Size. Model A.** Widely used by large growers, nurseries, greenhouses, and Government stations. Capacity, 200 individual tests. Inexpensive refills available. Price, \$22.50.

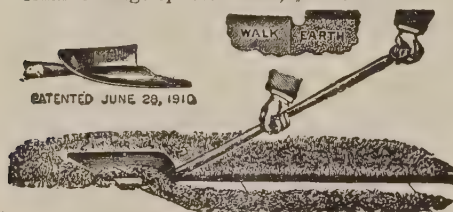
**Horticultural Size. Model B.** For the advanced amateur, or nurseries, growers, and greenhouses whose requirements do not call for the larger professional equipment. Capacity, 200 individual tests. Inexpensive refills available. Price, \$9.75.

**Club Model, C.** This new model in the famous Sudbury line gives a complete season of soil-testing at a far lower price than ever before. Makes 50 individual tests for nitrogen, phosphorus, potash, and acidity, showing how to lime and fertilize for best results. Cased in handsome, sturdy, imitation leather. Price, \$4.75.

**Home Gardeners Size. Model D.** A 20-test Kit. Complete with instructions and data on plant needs. Price, \$2.00.

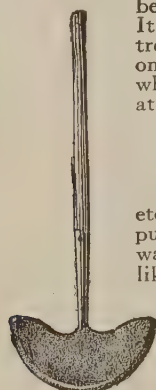
### Lawnette Roll-Away Carts

A popular utility Cart for grass-clippings, leaves, dirt, tools, or many other things which must be moved about in a garden or on a lawn. Quickly tipped forward for sweeping in refuse, etc. Well balanced. Dual legs prevent tipping when in loading position. Requires small storage space. Price, \$7.50.



### No. 136 Imperial Lawn-Edge Trimmer

With this tool the rough, straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean U-shaped trench, delivering the cuttings on the sidewalk, leaving the whole surroundings neat and attractive. Price, \$1.65.



### Lawn-Mower Sharpener

Price, 75c. Extra files, 30c.

Oil Can. 35c.

### Corn Fume

YOU USE IT ONCE—  
AND THE JOB IS DONE

Corn Fume utilizes ingredients which have given excellent results in corn earworm control. Especially designed pump, used for Corn Fume gives exact quantity needed for the proper application. One shot does the work. Does not affect the flavor of the corn when used as directed. Non-poisonous to humans and animals when used for corn earworm control. ½-pt. 60c.; full pt. 95c. Pump and ½-pt. combination \$1.50.



### Paragon Sprayers

These Sprayers are of superior quality in material and workmanship. They will not clog, therefore it is not necessary to strain the material used. Not only do they handle insecticides, fungicides and disinfectants, but also whitewash, cold water paints, etc.

**No. 0.** Capacity, 3½ gals. Equipped with 4-ft. special spray hose, 3-ft. spray pipe, and 3 nozzles. Price, \$14.00.

**No. 1.** Capacity, 6 gals. Equipped with 5-ft. special spray hose, 5-ft. spray pipe, and 3 nozzles. Price, \$19.75.



No. 3

**No. 3.** Capacity, 12 gals.

Equipped with truck, 10-ft. special spray hose, 7½-ft. spray pipe, and 3 nozzles. Price, \$26.00. Without truck, \$22.00.

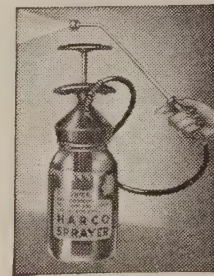
**No. 4.** Capacity, 28 gals. Equipped with truck, 20-ft. special spray hose, 10-ft. spray pipe, and 3 nozzles. Price, \$43.00.

**No. 5.** Capacity, 50 gals. Equipped with 25-ft. special spray hose, 10-ft. extension pipe, one 3-way spray nozzle, 1 single-spray nozzle; no truck. Price, \$50.00.

**Bucket Washers for Paragon Sprayers, 25c.**

### Fittings for Paragon Sprayers

	Price
<b>No. E85.</b> 2-Way Spray . . . . .	\$2 75
<b>No. B35.</b> Extension Pipes . . . . .	65
<b>No. E86.</b> Y Fitting . . . . .	1 10
<b>No. B7.</b> Hose Coupling, complete . . . . .	1 20
<b>No. B18.</b> Strainer . . . . .	1 40
<b>No. B10.</b> Female Hose Coupling . . . . .	80
<b>No. B20.</b> Stop-Cock . . . . .	1 10
<b>No. B24A.</b> Mist Spray Nozzle . . . . .	1 00
<b>No. B22.</b> Brass Hose Bands . . . . .	10
<b>Spray Pump Hose.</b> ¾-in. . . . .	22
<b>Extension Pipe with bent end for Paragon Sprayers.</b> . . . . .	60



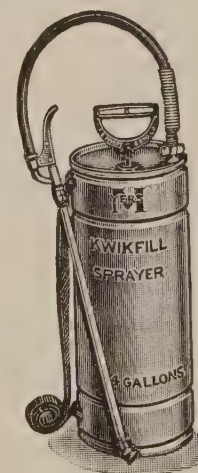
### NEW Harco Sprayer

Here's the efficient, easy-to-use Sprayer you want at the down-to-earth price. Sprays up, down, sideways without adjustment. No leaks or drips to wet hands or stain clothing. Order yours today. Price, \$2.35.

**Hudson Hand Sprayer.** Price, 50c.

### Myers' Kwikfill Compressed-Air Sprayer

**No. 2242. Galvanized Tank.** Capacity, 4 gals. 1½-ft. brass extension rod. Weight, 13 lbs. Price, \$8.35.



### Auto Spray

A compressed-air Sprayer with open head and strongly reinforced corrugated tank.

**No. 4-D. Steel Tank.** Capacity, 4 gals. Equipped with hose and Auto-Pop attachment. Price, \$8.50.

**No. 400-D.** A 4-gal. capacity Sprayer, electrically welded, galvanized coated, easy to fill funnel opening, automatic shut-off, with stay-open feature. Price, \$7.50.

**Auto-Pop Nozzle Attachment.** Controls the flow instantly by a pressure of the hand. When purchased separately: Plain, \$1.75 each; complete with hose, \$2.00.

### Extension Pipes, Etc.

For reaching into trees. ¾-in. threads.

<b>Bamboo,</b> brass-lined, 8 ft. . . . .	\$7 50
<b>Brass,</b> 2 ft. . . . .	75
<b>Pet Cock,</b> for extension pipes . . . . .	1 25
<b>Paragon Extension,</b> 2½ ft. . . . .	60

### Mitchell's Hand Compressed-Air Sprayer

This is the best Hand Sprayer ever offered. Very easily operated. Especially preferred by the ladies.

**Tin.** Price, \$1.00.

## MICHELL'S SPRAYERS AND SPRINKLERS

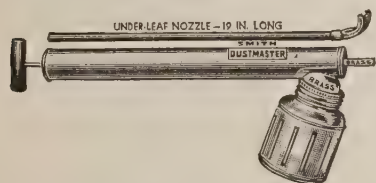


### No. 24GO Lightning Sprayer

The Lightning Sprayer is a popular size and well built throughout. The Open Top sprayer has a cadmium-plated funnel and pump head, proof against rust. The funnel top screws into the tank and has a simple fool-proof device for locking pump to tank. Capacity, 3½ gallons. Galvanized only. Price, \$6.50.

### No. 36D Dustmaster Powder Duster

Unusually long pump chamber for large even blast of dust with each stroke. Dusts underside of leaves on low-growing plants without stooping way over, a great advantage. Heavy, strong, flint glass dust jar screws to pump chamber. If broken, fruit or mayonnaise jar may be used. Does not litter dust when moved from one position to another. Dust is thoroughly broken up and an effective blast is produced uniformly and easily. Capacity, 25 ozs. Price, \$1.75.



### Wheelbarrow Sprayer

**Wheelbarrow Sprayer No. 50.** Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants or whitewash in poultry-houses or other buildings. Steel frame made in one piece; heavy galvanized tank; all-brass pump; 8-foot hose; all working parts brass; double action; continuous spray. Pump easily detached from the tank and the tank with wheel and frame used for wheeling water. Price, \$19.00.

### Myer's New Idea Knapsack Spray Pump

**No. 1330. Galvanized Tank.** Capacity, 4 gals.; 1½-ft. brass extension rod. Weight, 15 lbs. Price, \$19.00.

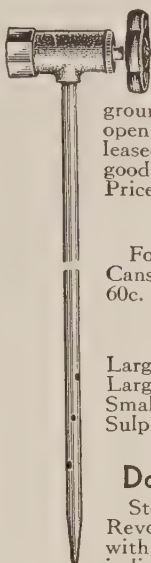
### Gould's Pomona Barrel Pump

Of large capacity and powerful, with long, adjustable leverage. Can be used for feeding one or two leads of hose. All working parts are bronze, with lasting qualities. Plain pump, 2½-in. diam. cylinder only (no barrel), \$30.00.

**Barrels** for holding spray solution, 50-gal. capacity, each \$12.00.

**Truck** with 3½-in. tire wheels, \$25.00.

ALL PRICES SUBJECT TO MARKET CHANGES



### Root Irrigator

For watering plants, trees, and shrubbery at the roots. By simply inserting into the ground to the desired depth and opening the valve, the water is released where it does the greatest good. Complete with shut-off valve. Price, \$2.50.

### Extra Roses or Sprays

For Witherspoon's Watering-Cans, either coarse or fine. Price, 60c.

### Bellows

Large, double cone.....\$9 00  
Large, single cone.....7 50  
Small, single cone.....5 50  
Sulphur Bellows.....5 25

### Dobbins Duster, No. 100

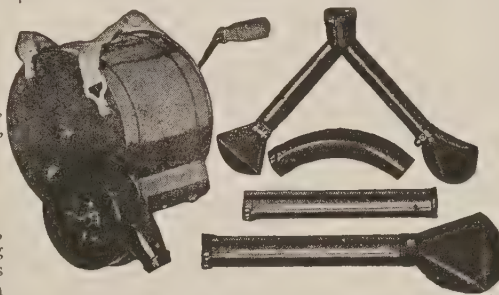
Steel-cut gears that run in oil. Revolving agitator feeding device with handy control and volume indicator. Curved adjustable body support. For dusting all low-growing crops. It can be used very effectively on shrubbery and small trees. Discharge equipment includes four 15-inch pipes, one branch connection, two elbows and two nozzles. Capacity, 3 to 6 lbs. One in carton. Weight, 14 lbs. Price, \$14.50.

### Dobbins Duster, No. 132

Applies the more expensive Pyrethrum, Rotenone, and Derris Root dust insecticides with effectiveness. Assures uniform discharge. Equipped with 2-ft. extension with patented 2-way cap for dusting top and underside of leaves. For all garden and field crops. Will handle all dust insecticides. Capacity, 1-lb. Pump: 4-in. diameter, 7½-in. stroke. Equipped with Self-Lubricating Pressure Seal, Valve Plunger, Powder Chamber: 3-in. diameter, 4½ in. long. Two-way dust cap, perforated for dusting top of leaves and slit for under-leaf dusting. 24-in. extension tube. Price, \$1.35.

### Brown's Crystal Duster

This new-type Duster for use in either the flower or vegetable garden has the glass jar showing balance of dust therein. Equipped with a long extension and adjustable nozzle which permits dusting without bending. Capacity, 1 qt. Price, complete, \$1.75.



### Challenge Duster—Model C-2

This Duster is built up to the highest standard of quality. It provides a constant mechanical agitation with a positive regular feed and easy immediate control to any rate of flow desired. The operator can walk erect while dusting. Price, \$17.00.

### Hudson Duster

**No. 606.** Adapted for all truck farms, gardens, small orchards, and vineyards. Will handle all agricultural dusts. Made of heavy steel; gears machine-cut. Equipped with 2 nozzles, Y connection, and four 15-inch telescoping tubes, also 2 adjustable carrying straps. Price, \$14.00.

### Cyanogas Foot Pump Duster

A high-pressure Pump of rugged construction ideal for use in extermination work for rats, woodchucks, moles, and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests—killing them instantly. Especially useful for rat and mole control. Price, \$7.50.

### Bucket Pumps

**Myers No. 327½.** A double brass-chamber arrangement. Price, \$6.50.

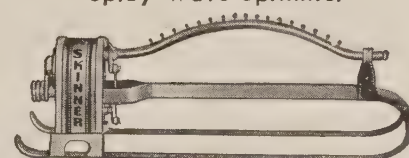
### Aprons

For protecting the clothing while watering.  
**Rubber**.....\$3 50  
**Blue Denim**.....1 75

### Double Rotary Sprinkler

A favorite with country clubs for watering putting-greens. Covers a radius of 15 to 40 feet. Price, \$12.50.

### Spray-Wave Sprinkler



The ideal oscillating Sprinkler for lawn, flower-bed, rock-garden, or newly seeded plot. Adjustable. Light in weight, yet sturdy and durable. Will cover a plot 40 x 40 feet at 35 pounds pressure. Price, complete, \$19.25, for ¾-inch hose connection.

### Skinner System of Garden Irrigation

Line covers 25 feet on each side.

	Stationary	Portable
50-ft. lengths.....	\$19 00	\$21 50
100-ft. lengths.....	30 00	40 00

F.o.b. Factory

Prices on longer lines on request

**Posts** for above lines, 10c. per foot. Specify if lines are to be pipe- or hose-fed.

**Automatic Oscillator** for above lines, \$27.50 extra.

**Hand Turn Union** is included in above prices.

### Rain-Wave

Covers a space 50 to 60 feet square. Adjustable to one-half or one-quarter full coverage. Weight, 17 lbs. Price, \$38.50.

### Roto-Spray

A high-type Sprinkler for parks, golf-course fairways, cemeteries, and spacious lawns. The principle of operation is a long-throw, effective stream supplemented by a secondary spray watering the central area. Covers a circle 95 to 120 feet in diameter, depending on pressure. Made of solid brass. Price, \$17.50.

### Roto-Spray, Jr.

Same principle but of lighter construction. Price, \$14.00.

## MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES

### Dupor Respirator

For protection from harmful dust and light fumes (not effective against poisonous gas). Should be worn when working with insecticidal dusts, arsenicals, and dry fertilizers. Covers nose and mouth. Price, \$3.00.



### Soil Soaker Like all-night rain

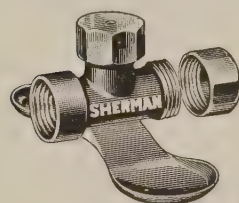
Water seeps through entire length gently—no spray—puts water where you want it—all soaks to the roots. Made of scientifically created, mildew-resistant canvas; one end screws to water hose, other end closed. No spray—no waste on walks, driveways, in street—no excessive evaporation. Ideal for lawns, terraces, flower and vegetable gardens.

#### 4 Home Sizes

No. 0.	12 ft.	\$1 40
No. 1.	18 ft.	1 90
No. 2.	30 ft.	2 90
No. 3.	50 ft.	4 75

### Water Wand

Another trouble-saver for the gardener. Watering the garden becomes a real joy with "Water Wand." The long, light-weight handle enables watering flower-beds without stepping into the soft soil or trampling delicate plants. Beautifully finished in bright cadmium. Price, \$2.50.

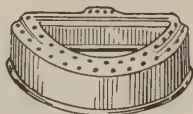


### Sherman Portable Sprinkler

Price, 85c.

### Crescent

Height, 2 in. Price, \$1.00.



### Large Ring

Height, 2 inches. Price, \$1.25.

### Baby Ring

Height, 2 in. Price, 80c.



### Spray Nozzles (3/8-in. Thread)

Mistry, Jr.	Straight style.	\$1 25
Mistry, Jr.	Elbow style.	1 25
Y Connection.	For making a double spray-head Nozzle.	60
Bordeaux Nozzle.		1 25

If Nozzles are wanted for 3/4-in. hose connections, add 70c. to above prices.

### Rubber Hose

Per ft.

Gates.	1/2-in.	\$0 18
Gates.	5/8-in.	20
Gates.	3/4-in. Extra quality.	22
Michell's Special.	1/2-in.	22
Tiger.	5/8-in. 1-braid.	15
Black Bulldog.	3/4-in.	26
Spray Pump Hose.	3/8-in. 2-braid.	24

All brands come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 50c. per pair for couplings.

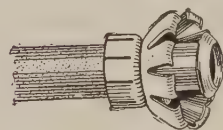
Hose Washers. 3/4-in., doz. 5c.; 1/4 lb. 35c.; lb. \$1.20. 1-in., doz. 6c.; 1/4 lb. 60c.; lb. \$1.85.

### Hose Menders

Each Doz.

Cooper's.	3/4-in.	\$0 15	\$1 65
Cooper's.	5/8-in.	15	1 65
Cooper's.	1/2-in.	15	1 65

### Perfect Hose Menders



Made entirely of brass, with swivel motion—no band required.

For 1/2-in. and 3/4-in. hose. Each 15c.; doz. \$1.20.

### Hose Bands

Caldwell's. For fastening couplings and menders. Doz. Gross

No. 8. For 4-ply hose. \$0 50 \$5 00

No. 6. For 3-ply hose. 50 5 00

Pliers for above, pair 40c.

Sure Grip. Can be furnished in 1/2-in., 5/8-in., and 3/4-in. Either size, each 5c.; doz. 50c.

### Hose Couplings

Pair Doz.

Plain Brass. 1/2-in. \$0 40 \$4 50

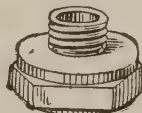
Plain Brass. 5/8-in. 40 4 50

Plain Brass. 3/4-in. 40 4 50

Evertight Hose Coupling. 85c. each.

Perfect. Equipped with a clamp on the male and female part for securing to the hose; no band required. For 1/2- and 3/4-in. hose (mention which is wanted when ordering). Pair 40c.; doz. \$4.00.

### Hose Reducers



For reducing 1-in. pipe to fit regular 3/4-in. hose. Price, 75c.

For reducing 3/4-in. pipe to fit 5/8-in. hose. Price, 90c.

### Flaring Rose Sprinkler



Ejects a fan-like spray; especially adapted for sprinkling flowers. Price, 65c.

### Greenhouse Spray Nozzle

(For 3/4-in. Hose)

Light Copper.	\$2 25
Heavy Brass.	1 50

ALL PRICES SUBJECT TO MARKET CHANGES

### Aquamatic Hose Nozzle

A high-grade water-control, opening and closing automatically by slightly pressing lever with the fingers. A positive, quick shut-off. Made of heavy cast brass. Price, \$3.75, complete with spray rose and solid stream nozzle.

### Gem Pattern Plastic Hose Nozzle (For 3/4-in. Hose)



Can be regulated to give mist spray or solid stream. Price, \$1.00.



### Paradise Nozzle

Designed to syringe any and all greenhouse flowers. The fine spray has a washing effect. 10-in. \$3 00  
18-in. 3 50

### Peat Moss, Granulated

Large bale.	\$5 00
5-bus. cartons.	2 25
1-bus. bags.	75

We offer only the highest grade, clean granulated Peat Moss, certified as to quality and uniformity. An excellent material for summer or winter mulching, and a valuable source of organic matter when incorporated with the soil.

### Grafting Wax

Used for budding and grafting work and for filling small cavities in trees. 1/4 lb. 25c.; 1/2 lb. 40c.; lb. 65c.

### Grafting Tool

Made of the best steel. For grafting trees etc. Price, \$1.40.

### Compound Extension Ladders

These are made in the best manner possible and are complete, being equipped with the necessary rope and pulleys.

20-ft.	} 85c. per ft.
22-ft.	
24-ft.	
28-ft.	
30-ft.	} 90c. per ft.
32-ft.	
36-ft.	} 90c. per ft.
38-ft.	
40-ft.	

### Single Plank Ladders

Made of good hardwood, free from faulty knots, and with perfect rounds.

8-ft.	\$5 20	18-ft.	\$11 70
12-ft.	7 80	20-ft.	13 00
14-ft.	9 10	22-ft.	14 30
16-ft.	10 40		

### Step-Ladders

Columbia. 3-step up to 10-step. Price per step, \$1.15.

# MICHELL'S FARM, GARDEN AND GREENHOUSE SUPPLIES

## Bemis Erosionet

For New Lawns, Weak Lawns, and Stubborn Terraces



Erosionet is a strong, economical open-mesh fabric made of tightly twisted paper twine. When placed over any seeded surface, its 1/4-inch-square mesh catches and holds seed and sod firmly in place. Thus, damaging washouts from heavy rains are effectively checked without cutting off the sunlight.

Erosionet is quickly and easily applied and can readily be removed when the grass has become established. One width only—45 inches. Price, 13c. per lineal yd. in full rolls (250 yds.). Smaller lengths, 15c. per lineal yd. Staples for above. Doz. 50c.; 100, \$4.50.

## Tree Guards

**Galvanized Wire.** Carefully made of heavy material and finished in a neat and substantial manner.

9-in. diam.; 6 ft. high.....\$1 75  
12-in. diam.; 6 ft. high..... 2 00

**No. 4. Iron.** Made of flat iron, finished black. Will last indefinitely with an occasional painting. 12-in. diam.; 6 ft. high. Price, \$4.50.

**Philadelphia Official Tree Guard.** Made of heavy, round iron. 12-in. diam.; 6 ft. high. Price, \$7.00.

## Wayward Vine Guide and Support

For training and supporting ivy, small fruiting trees and all other vines, etc., on brick, stucco, stone and cement walls without defacing. No nails—No holes.

Red for Brick, Gray for Stone, White for Cement. Box of 25, \$1.00.

## Adjusto Plant Support

Consists of a stake 7/8 inch square and of different lengths, as may be required, and an instantly adjustable patented loop of 7-gauge strong spring-wire for supporter. It contains no nails, hooks, or screws.

A permanent equipment which can be used year after year.

1 1/2 ft. high. Each 15c.; doz. \$1.20.  
2 ft. high. Each 20c.; doz. \$1.50.  
3 ft. high. Each 25c.; doz. \$2.50.  
4 ft. high. Each 30c.; doz. \$3.00.  
5 ft. high. Each 35c.; doz. \$3.40.  
6 ft. high. Each 40c.; doz. \$3.75.



## Wall Nails

For fastening climbing vines. Equipped with a soft metal clasp which holds the vine against the wall.

	Doz.	100
1-in.....	\$0 45	\$2 75
1 1/2-in.....	60	3 75
2-in.....	75	4 50

## Rubbish Baskets

A Basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This Basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, \$5.00.

## Garden Baskets

No. 4. Without Handle.	Each
1/2-bus.....	\$1 10
1-bus.....	1 25

SEE PAGE 1 FOR PARCEL POST RATES

## Gathering Basket

Very convenient for carrying berry-boxes, asparagus, and other vegetables. Made of oak, with substantial handles. 12 in. wide, 25 in. long, 4 in. deep. Price, \$1.00.

## Flower-Picking Basket

Especially designed for gathering flowers with long stems. Featherweight and roomy. 19 in. long, 11 in. wide, 4 in. deep. Price, \$1.00.



## Grape-Protecting Bags

Thousands of bunches of grapes are wasted annually because they are not protected against the ravages of insects, birds, etc. Michell's Improved Grape Bags are economical, easily attached, and last a season. The fruit ripens just as readily in them as it does in the open. Bags should be attached when the grapes are the size of a pea, prior to which it is suggested that they be sprayed (even though not affected) against blight or fungus. Leave Bags attached until the fruit is ready to harvest. 100, \$1.25.

## Boss Fruit Picker

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 75c.

## Berry Boxes

	100	1000
1-pt.....	\$1 85	\$15 00
1-qt.....	1 85	15 00

## Painted Labels

POT	100	1000
4-in., 5/8-in. wide.....	\$0 40	\$3 00
4 1/2-in., 5/8-in. wide.....	45	3 25
5-in., 5/8-in. wide.....	50	3 50
6-in., 5/8-in. wide.....	60	4 00

## GARDEN

8-in., 7/8-in. wide.....	1 10	8 50
10-in., 7/8-in. wide.....	1 75	10 00
12-in., 7/8-in. wide.....	2 00	13 00

## FIELD

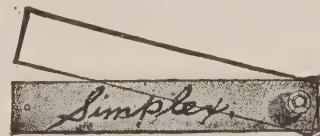
18-in., 1 3/4-in. wide, not painted.....	5 00	48 00
--	------	-------

## Tree Labels

	Doz.	100
<b>Copper Sheet.</b> Wired.....	\$0 40	\$2 25
<b>Zinc Sheet.</b> Wired.....	40	2 25
<b>Indelible Marking Pencils.</b>	Price, 15c.	

## Celluloid Pot Labels

	Doz.	100
<b>No. 21.</b> 4 x 5/8 in.....	\$0 40	\$2 00
<b>No. 22.</b> 5 x 3/4 in.....	60	3 00



## Simplex Weather-Proof Plant Labels

The material carrying the writing is white celluloid, which is protected by a transparent cover of mica. Mark with an ordinary lead-pencil. Prices include wires for attaching.

	Doz.	100
<b>No. 1.</b> 3 x 1/2 in.....	\$0 60	\$3 00
<b>No. 2.</b> 4 x 3/4 in.....	85	5 00
<b>No. 3.</b> 5 x 1 in.....	1 25	7 00

## Perfect Garden Labels

With an ordinary lead-pencil write or print on the horizontal marking space, which remains permanently legible in all sorts of weather. The beautiful color blends with the soil, foliage, and rocks.

Border Size.	5 in. Doz.	100
long; width of marking space, 2 in.....	\$1 00	\$7 75

Rock-Garden Size.	4 in. long; width of marking space, 1 1/4 in.....	90	6 75
-------------------	---	----	------

Show Garden Size.	7 in. long; width of marking space, 2 1/8 in.....	1 25	9 50
-------------------	---	------	------

## Simplex Green Weather-Proof Plant Labels

Easily marked with a sharp, pointed steel stylus, which cuts through to the white base.

	Doz.	100
<b>No. 31.</b> 3 x 1/2 in.....	\$0 45	\$2 50
<b>No. 32.</b> 4 x 3/4 in.....	75	4 00
<b>No. 33.</b> 5 x 1 in.....	90	5 50

## Evermark Pencils

You can read the name after months of exposure to sun and rain. For writing on all plant labels. Will not rub or wash off. Each 15c.; doz. \$1.65.

## Night Eye

The simple marker, inexpensive and practical, for the long driveway. Lenses mounted on both sides of clear pine stakes. Black, white or green stain. Each 50c.; doz. \$5.75.

ALL PRICES SUBJECT TO MARKET CHANGES

# MICHELL'S FARM, GARDEN AND GREENHOUSE SUPPLIES

## Reflecto Signs

For the suburban dweller requiring a house number or name sign easily distinguishable at night. The jeweled reflection buttons, set in cut-out letters, light up at night under head-light glare, spelling your name, house number or any directional marking, and are very attractive by day as well.

Available in a variety of panel styles, Reflecto Signs are made to order only, ranging upward in price from \$1.15 for one letter or numeral mounted on panel, depending on the number and size of the figures. Standard color combination is moss-green letter on natural wood.

Reflecto Letters and Numerals only (without panel) for easy attaching to any surface are available at the following prices:

2 in. or 2 3/4 in. high.....	\$0 65
3 in.....	85
4 in.....	95

## Lawn Signs

Excellent for putting on grass plots where thoroughfare is not desired.

**Iron.** Painted gray, trimmed red. Each \$1.00; doz. \$10.00.

**Tin.** Each 25c.

## "No-Gunning" Signs

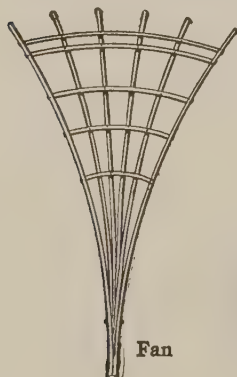
Printed on heavy cardboard, with large black lettering. Size 12 x 13 in. Each 35c.; 6, \$1.80; doz. \$3.50.

## Wire Plant Stands

Painted dark green and finished in bronze. Very substantial and will carry almost any weight that can be placed on them. We recommend the Jones style, as it is collapsible and takes up very little space when not in use.

	Height	Width	Depth	Price
<b>Jones.</b> 1-shelf..	27 in.	25 in.	14 in.	\$3 00
<b>Jones.</b> 2-shelf..	28 in.	30 in.	21 in.	6 00
<b>Jones.</b> 3-shelf..	36 in.	30 in.	22 in.	7 00

## MicHELL's Tomato or Peony Support



Made of galvanized wire in a substantial manner. Stands solid and firm. Each 40c.; doz. \$4.00; 100, \$32.50. Folds flat for storage.

## Fan Trellis

Made of wood and painted white.

18-in.....	\$0 35
24-in.....	50
30-in.....	65
36-in.....	1 00
42-in.....	1 25
48-in.....	1 50
72-in.....	2 50
84-in.....	2 75

## Lattice Trellis

Made of wood and painted white. 24 in. wide.

6-ft.....	\$2 75	9-ft.....	\$4 00
7-ft.....	3 25	10-ft.....	4 25
8-ft.....	3 75	12-ft.....	5 50

ALL PRICES SUBJECT TO MARKET CHANGES

## Tie Your Plants with "Twist-Em's"

**Quick.** "Twist-ems" save the tedious work of tying plants with twine or raffia and cutting each piece with a knife or shears. Simply put around the stem, twist and it is tied.

**Permanent.** "Twist-ems" do not break or come loose. The wire running through the center of tape makes them unbreakable and they cannot be come unfastened. Tape protects stem against injury.

**Attractive.** "Twist-ems" are deep green in color—exactly the same shade as the foliage of plants. They, therefore, blend in with the plantings and do not detract from the appearance of the garden.

**Convenient.** "Twist-ems" make it unnecessary to carry with you shears, raffia, or twine, and tie and cut. A few "Twist-ems" in one's pocket are all that is needed.

7-in. package of 125.....\$0 25



## THERMOMETERS

**No. 7022. Maximum and Minimum.** Registers the coldest and warmest point during the previous night. 10-in., black tin case. Price, \$8.00.

## Tested Thermometers

<b>No. 5420-S.</b> Greenhouse. 8-in. metal Each case.....	\$1 40
<b>No. 5400-S.</b> Greenhouse. 12-in.....	3 50
<b>No. 5054.</b> Genuine Copper Case. 12-in.....	4 00
<b>No. 5023.</b> Wood Back, Black Scale. 8-in.....	1 25
<b>No. 5127.</b> Temprite Greenhouse. 8-in. white enamel; red column.....	1 25
<b>No. 5316A.</b> Temprite Window or Wall. 8-in. White enamel; red column....	1 25

## Glass Dairy Thermometers

For testing milk, etc.; also used for soil purposes. Price, 50c.

## Mushroom or Hotbed Thermometer

**No. 20450.** Iron point; oxidized finish. Price, \$4.00.

## Electric Thermostat

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass.

**No. GH3.** Not waterproof style. Price, \$14.00  
**No. GH4.** Waterproof style. Price, \$20.00.

## Rubber Goggles

For protection of the eyes while working with harmful dusts and gases. Price, \$3.25.

## MicHELL's Wagon Heater

For heating wagons, automobiles, or delivery trucks. Efficient, durable, economical, safe. 14-in. diam., 19 in. high. Price, \$10.00.

## Coal for Wagon Heater

20 briquets \$1.25; 144 bricks \$14.40.

## Peerless Glass Repair Clamp

For supporting broken lights of glass. Will not rust. Price 100, \$2.00.

## Glass Cutters

	Each
<b>Single Wheel.</b> Steel.....	\$0 30
<b>6-Wheel.</b> Steel.....	55
<b>No. 8. Small Diamond.</b> Ebony handle	8 00
<b>No. 8A. Large Diamond.</b> Mahogany handle.....	10 50

## Mastica Machine

For distributing Mastica, etc. Made of heavy zinc. Price, \$4.25.

## Masticote Glazing Cement

**Black.** Apply with a Mastica machine. Gal. \$1.50; 5 gals. \$5.50.

## Greenhouse Paint

A superior white Paint for sash-bars, sash-frames, etc. Gal. \$4.50.

## Liquid Glazing Putty

Superior to ordinary Putty; more easily applied and lasting. Can be put on with a Putty bulb or Mastica machine.

Especially adapted for glazing wood and metal sash. Gal. \$2.50; 5 gals. \$10.50.

## Skybrite Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybrite, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 square feet of glass. 5 lbs. \$4.00; 25 lbs. \$16.50.

## Glazit Gun

For applying liquid glazing putty, Mastica, etc. Price, \$4.25.

## Glazing Chisel

Made of the best quality steel. Price, \$2.00.

## Hotbed Sash

**Philadelphia Style.** Made of best quality cypress. Size: 3 ft. 1 1/2 in. wide, 6 ft. long, 1 3/4 in. thick. Each Plain, not glazed or painted.....\$4 25 Complete, puttied, glazed and painted..... 8 50

## Hotbed Mats

Hotbed Mats keep frost and severe cold out of frames. They are padded with shoddy and are practically indestructible.

**Burlap.** 76 x 76 in., for two sash. Each, \$6.00; doz. \$70.00.

**Burlap.** 40 x 76 in., for one sash. Each, \$3.00; doz. \$30.50.

## Cel-O-Glass

Grow your own plants and get earlier flowers and vegetables with Cel-O-Glass. Use the new improved style on your coldframes and hotbed sashes, for such important uses as forcers for row plants, and newly planted seeds. Sashes are easier to handle; not affected by hail, snow, rain or wind and cannot break like glass; flexible; easy to cut and use; highly translucent, lets in the ultra-violet rays of sunshine.

Cut pieces, per running ft..... Price on Rolls of 25, 50, and 100 ft., per application running ft.....if and when Cut pieces, per running ft..... available Full rolls, per ft.....

## Flex-O-Glass

A glazed cloth used in place of glass in poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water and wind. 3 ft. wide.

Price on application if available

## Glazing Points

**Zinc Glazing Nails.** Lb. 75c.

## MICHELL'S PLANT STAKES, ETC.

### Germaco Hotkaps

Protects plants from frost and other elements; matures crops earlier; keeps insects out; keeps soil soft.

1000 lots.....	\$11 00
Trial Pkg. (250) including Setter and Tamper.....	3 50
Home Pkg. (100) including Setter and Tamper.....	1 95
Home Garden Pkg., containing 25 Hotkaps and Cardboard Setter.....	50
<b>Garden Setter</b> .....	1 35

### Tar Felt Pads

For effective protection against cabbage maggots. They should not be used on tomato plants or soft-wooded plants of any kind. 100, 50c.; 1000, \$4.00.

### Twines, Etc.

	Ball	Lb.
<b>White Cayuga.</b>		
<b>No. 108.</b> Medium.....	\$0 55	\$0 95
<b>No. 208.</b> Heavy.....	55	95
<b>Jute.</b> 2-ply and 3-ply.....	30	50
<b>Green Sea Island.</b> 2-lb. cone.....		2 00
<b>No. 4½ Twine.</b> Medium heavy.....	40	
<b>White Cotton.</b> 3-ply and 4-ply.....	25	90
<b>Peerless.</b> Color, Nile-green.....		1 50
<b>Tarred.</b> For mat-making.....	50	
<b>Tarred Sisal.</b> For fodder.....		40
<b>Binder.</b> Large balls.....		25
<b>Express.</b> Very heavy.....	50	
<b>Green Silkaline.</b> For stringing smilax, asparagus, etc. F, fine; FF, medium; FFF, coarse. Spool 50c.; lb. (8 spools) \$3.25.		
<b>Everbest Thread.</b> Very similar to the above; fast color. Spool 25c.; lb. \$1.50.		

### Raffia

For tying, basket-making, and fancywork.

**Natural Color.** ½lb. 30c.; lb. 45c.; 5 lbs. \$2.00.

**Green.** ½lb. 60c.; lb. \$1.10; 5 lbs. \$5.00.

### Raffiatape

For tying bouquets, flower-boxes, or for any other purpose where attractive tying material is desired. Color, Nile-green. Spool of 250 yds. \$1.00; 6 spools \$5.50.

### Celery Bleachers

**B. B. Patented Celery Bleachers.** Made of special-process material, scientifically treated to withstand moisture. With these Bleachers no banking of soil or putting up boards is necessary. Easy and quick results—prevents rot—produces cleaner more uniform product under all conditions.

No.	Size	Doz.	100	1000
<b>B2</b> .....	6½ x 13 in.	\$0 55	\$4 00	\$36 00
<b>B3</b> .....	7 x 14 in.	60	4 50	40 00
<b>Celery Handler.</b>	Brass, \$3.00. Tin, \$1.35.			

### Green-Painted Tapering Plant Stakes

	Each	Doz.	100
1½-ft.....	\$0 04	\$0 30	\$1 85
2 -ft.....	07	55	3 50
2½-ft.....	08	75	5 00
3 -ft.....	11	1 00	6 50
3½-ft.....	12	1 25	8 25
4 -ft.....	15	1 50	9 75
5 -ft.....	17	1 80	12 75

### Green-Painted Rose or Dahlia Stakes

	Each	Doz.	100
3-ft.....	\$0 15	\$1 65	\$11 00
4-ft.....	20	2 00	13 50
5-ft.....	25	2 50	18 00
6-ft.....	30	2 85	21 00

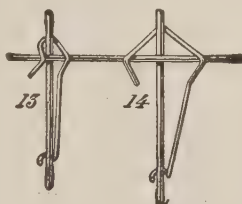
### Ash Wood Garden Stakes

	Each	Doz.	100
3-ft.....	\$0 08	\$0 85	\$6 00
4-ft.....	12	1 25	8 00
5-ft.....	15	1 60	10 00

### Cane Stakes

These are very attractive for all-purpose plant-staking. Thin and very strong.

	Doz.	100	1000
1½-ft., green.....	\$0 15	\$0 65	\$6 00
2 -ft., green.....	20	80	7 50
2½-ft., green.....	25	1 10	8 25
3 -ft., green.....	30	1 25	10 00
3½-ft., green.....	35	1 50	11 50
4 -ft., green.....	40	1 75	12 50
5 -ft., green.....	50	2 00	18 00
6 -ft., green.....	60	2 50	21 00



Eureka Everlasting

### Stake Fasteners

These take the place of string entirely, lasting several seasons. Used for fastening cross wires to galvanized stakes.

	Per box 500	Per box 1000
<b>Everlasting Style.</b> Heavy.....	\$2 00	\$3 50
<b>Eureka Style.</b> Light.....	1 75	3 00

### Poles (Wood)

	Each
10-ft. long, 1½-in. diam.....	\$2 00
12 ft. long, 1½-in. diam.....	2 25
14 ft. long, 1½-in. diam.....	2 50

### Bamboo Poles

Used extensively for brushing worm-casts off putting-greens; also for staking young trees.

	Each	Doz.
16 ft. long.....	\$0 60	\$4 75
18 ft. long.....	75	6 00
20 ft. long.....	85	7 50

### Lightning Wire Stake Tie



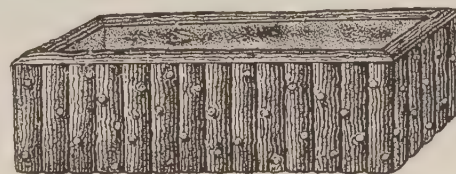
For fastening plants to stakes, either wire or wood. Can be used many times. 100, 35c.; box of 1000, \$2.00.

### Paper for Wrapping Flowers

	Lb.	½ream	Ream
<b>Manila.</b> Heavy. 24 x 36 in.....	\$0 40	\$2 25	\$4 00
<b>Manila.</b> Tissue. 24 x 36 in.....	25	1 50	2 50
<b>White Wax.</b> 24 x 36 in.....	35	1 75	3 00
<b>Green Wax.</b> 24 x 36 in.....	50	2 00	3 25

### Florists Shears

<b>No. 833.</b> 7½-in. Used for cut-flower wire, etc.....	\$1 75
<b>No. 832.</b> 8-in. Used for cut-flower wire, etc.....	1 75
<b>No. 12.</b> 8-in. For heavy wire and tin....	2 00
<b>No. 10.</b> 10-in. For heavy wire and tin..	2 50



Rustic Window-Box

### Bark

**Rustic (Cedar).** For covering boxes, columns, or any other article.

1 sq. ft.....	\$0 15
25 sq. ft.....	2 75
Bundle of about 50 sq. ft.....	5 00

**Birch.** Lb. 50c.; 10 lbs. \$4.50.

**Cork Bark.** Sheets 1½ to 2 ft. wide, about 4 ft. in length. Lb. 75c.

### Cut-Flower Boxes

	Doz.	100
21 x 5 x 3 in.....	\$0 90	\$6 50
24 x 5 x 3½ in.....	1 20	8 50
28 x 8 x 5 in.....	2 00	14 00
30 x 5 x 4 in.....	1 50	10 25
36 x 8 x 5 in.....	2 85	18 25

### Window-Boxes

**Wooden, Rustic Bark Style.** Attractively made and neatly finished. For indoor or outdoor use.

	Depth Outside	Width Outside	Price
24 in.....	7½ in.	11 in.	\$2 00
30 in.....	7½ in.	11 in.	2 50
36 in.....	7½ in.	11 in.	3 00

Any length made to order, \$1.00 per running foot, 11 inches wide.

### Plain Wood Style

(Painted Green)

We recommend these for use at the temporary summer home in the country or at the seashore, or in cases where one may not feel like spending a larger amount than these entail.

	Depth Outside	Width Outside	Price
24 in.....	6½ in.	8 in.	\$1 75
30 in.....	6½ in.	8 in.	2 00
36 in.....	6½ in.	8 in.	2 25

Any length made to order, 85c. per running foot, 8 inches wide.

### Window and Porch-Box Paint

Weather-resisting; mixed especially for the purpose; will not fade when exposed to weather or soil conditions. Two colors only, White or Chrome-Green. Pt. 85c.; qt. \$1.35; gal. \$4.50.

**Prices on Bird Seed in large quantities quoted on application**

**ALL PRICES SUBJECT TO MARKET CHANGES**

# Michell's Flower Pots, Tubs, Etc.

Fern Dish  
Liner

Earthen  
Fern Pan



Cedar Tub

Keystone Tub

Earthen  
Flower Pot

Azalea Pot

Earthen  
Bulb Pan

Earthenware  
Saucer

Krick Pot  
Hanger

Eureka Pot  
Hanger

## BB Garden Flats

These are a great convenience to anyone growing plants, flowers, or vegetables from seed. Made from choice lumber and have a removable front so that the pots can be easily taken out without breaking up the soil or disturbing the roots. The 2-inch pots are suitable for most flowering plants and smaller vegetables; the 3-inch pots, for tomatoes, eggplants, cabbage, etc.

### Prices for Flats Only

No.	Size	Capacity	Each
X1.	12 $\frac{3}{8}$ x 12 $\frac{3}{8}$ in.	36 2-in. pots	\$0 50
X3.	12 $\frac{3}{8}$ x 12 $\frac{3}{8}$ in.	16 3-in. pots	55
X118.	12 $\frac{3}{8}$ x 18 $\frac{3}{8}$ in.	54 2-in. pots	65
X318.	12 $\frac{3}{8}$ x 18 $\frac{3}{8}$ in.	24 3-in. pots	70

### Price Complete with Pots

No. XP1.	36 2-in. or 16 3-in. pots	\$1 00
No. XP118.	54 2-in. or 24 3-in. pots	1 25

### Prices on Pots Only

No.	Size	100	1000
No. P1.	2-in.	\$0 90	\$8 00
No. P2.	3-in.	1 35	12 00

## Special Seed Flat Soil

Treated for fungus; especially adapted for seed flats.

Qt.	\$0 15	1 $\frac{1}{2}$ -bus.	\$1 25
4 qts.	50	Bus.	2 00
Pk.	75		

## Eureka Pot Hangers

Price, each 20c.; doz. \$2.00.

## Krick Pot Hangers

No.	Each	Doz.
No. 1.	\$0 07	\$0 60
No. 2.	08	70
No. 3.	09	80

## Azalea Pots

Diam.	Depth.	Each	Doz.	100
5 in.	4 $\frac{1}{2}$ in.	\$0 12	\$1 00	\$6 50
6 in.	5 in.	15	1 50	9 50
7 in.	6 in.	25	2 75	19 50
8 in.	7 in.	30	3 25	22 50
9 in.	7 $\frac{1}{2}$ in.	50	5 00	35 00
10 in.	8 in.	65	6 75	45 00
12 in.	10 in.	1 35	14 00	90 00

## Earthen Flower Pots

Height and Width inside	Each	Doz.	100	1000
1 in.	\$0 02	\$0 20	\$1 35	\$12 00
2 in.	04	30	1 50	13 00
2 $\frac{1}{4}$ in.	05	35	1 65	14 00
2 $\frac{1}{2}$ in.	06	40	1 90	16 00
3 in.	07	45	2 50	21 00
3 $\frac{1}{2}$ in.	08	50	2 95	26 00
4 in.	09	60	3 65	32 50
4 $\frac{1}{2}$ in.	10	75	5 00	44 00
5 in.	12	1 00	6 50	58 00
5 $\frac{1}{2}$ in.	14	1 30	8 00	70 00
6 in.	15	1 50	9 50	85 00
7 in.	25	2 75	19 50	
8 in.	30	3 25	22 50	
9 in.	50	5 00	35 00	
10 in.	65	6 75	45 00	
12 in.	1 35	14 00	90 00	
14 in.	1 75	19 50	145 00	

## Earthen Bulb Pans

Diam.	Each	Doz.	100
6 in.	\$0 15	\$1 50	\$9 50
7 in.	25	2 75	19 50
8 in.	30	3 25	22 50
9 in.	50	5 00	35 00
10 in.	65	6 75	45 00
12 in.	1 35	14 00	90 00
14 in.	1 75	19 50	145 00

## Earthenware Saucers

Diam.	Each	Doz.	100
4 in.	\$0 04	\$0 45	\$3 00
5 in.	06	65	4 50
6 in.	09	95	6 75
7 in.	12	1 20	9 50
8 in.	18	1 80	12 50
9 in.	25	2 50	20 00
10 in.	40	4 00	30 00
12 in.	50	5 00	40 00
14 in.	65	6 50	47 50

## Fern Dish Liners

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Height	Each	Doz.	100
7 in.	1 $\frac{1}{8}$ in.	\$0 25	\$2 50	\$15 00

## Earthen Fern Pans

Width	Height	Each	Doz.	100
4 in.	1 $\frac{1}{8}$ in.	\$0 08	\$0 85	\$6 00
4 $\frac{3}{4}$ in.	2 $\frac{1}{8}$ in.	12	1 10	8 00
5 $\frac{1}{2}$ in.	2 $\frac{1}{4}$ in.	15	1 35	10 00
6 $\frac{1}{4}$ in.	2 $\frac{1}{2}$ in.	18	1 60	12 00
7 in.	2 $\frac{3}{8}$ in.	20	2 00	14 00
8 in.	3 $\frac{3}{8}$ in.	25	2 50	20 00
9 in.	3 $\frac{1}{4}$ in.	30	3 00	24 00

## Wooden Seed Flats

	Each
20 x 10 x 3 in.	\$0 45
20 x 14 x 3 in.	50

## Neponset Paper Pots

### Green--For Growing

Every grower of plants can cut the growing costs by using these Pots. They are superior to any Pot made for the actual growing of plants.

Diam.	Doz.	100	1000
2 in.	\$0 25	\$1 00	\$8 00
2 $\frac{1}{4}$ in.	30	1 05	8 25
2 $\frac{1}{2}$ in.	35	1 10	8 50
3 in.	40	1 30	10 25
3 $\frac{1}{2}$ in.	45	1 65	13 00
4 in.	50	1 90	15 00
5 in.	55	2 75	21 50
6 in.	60	3 50	28 00

## Red Paper Flower Pots

Diam.	Doz.	100	1000
2 in.	\$0 15	\$0 60	\$4 65
2 $\frac{1}{4}$ in.	20	65	4 75
2 $\frac{1}{2}$ in.	25	70	5 75
3 in.	30	90	7 00
3 $\frac{1}{2}$ in.	35	1 10	8 75
4 in.	40	1 45	11 50
5 in.	45	1 85	15 00
6 in.	50	2 25	18 00

## Rubber Saucers

Durable and waterproof. Unbreakable. Protects surfaces from dampness, scratches, and ring marks. Preserves pottery. Colors: red or green.



Size to a	Each	Doz.
5 $\frac{1}{8}$ -in., 6-in. pot.	\$0 25	\$2 50
7 $\frac{1}{8}$ -in., 8-in. pot.	35	3 50
10 $\frac{3}{8}$ -in., 12-in. pot.	65	6 50
12 $\frac{1}{4}$ -in., for fern and palm tubs	1 00	10 00

## Wood Fibre Saucers

Extremely desirable on account of being absolutely waterproof.

Diam.	Price on application subject to our ability to supply.
6 in.	
8 $\frac{1}{2}$ in.	
11 $\frac{3}{4}$ in.	
14 $\frac{1}{2}$ in.	
16 in.	
17 $\frac{1}{2}$ in.	

Parcel Post charges where named are for shipment to the First and Second Zones; for other ones, please see Parcel Post Table, page 1.

ALL PRICES SUBJECT TO MARKET CHANGES

# MICHELL'S POULTRY AND ANIMAL FOODS AND TONICS

Prices of Poultry Food fluctuate constantly and are subject to change.

**Alfalfa Meal.** 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.  
**Barley.** Qt. 25c.  
**Bran, Wheat.** 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25.  
**Broken Rice.** Lb. 30c.; 5 lbs. \$1.25; 10 lbs. \$2.00; 25 lbs. \$4.50.  
**Buckwheat.** Qt. 30c.  
**Cat Food (Spratt's).** Saves the labor of especially preparing food for tabby. Small carton, 15c.; large carton, 35c.  
**Catnip Balls.** A plaything and tonic for your cat. Each 20c.  
**Chick Food (Michell's).** 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.00.  
**Chick Starter Food with Buttermilk (Pratt's).** 5 lbs. 40c.; 10 lbs. 80c.; 25 lbs. \$1.35.  
**Corn Meal.** Special Process. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.00.  
**Cracked Corn.** 5 lbs. 45c.; 10 lbs. 85c.; 25 lbs. \$2.25; 100 lbs. \$7.00.  
**Developing Food (Michell's).** 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.75.  
**Grit, Fine, Medium, and Coarse.** 5 lbs. 15c.; 10 lbs. 25c.; 25 lbs. 50c.; 100 lbs. \$1.50.  
**Grit (Red Cross Health).** For pigeons. 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. 85c.; 100 lbs. \$2.75.  
**Hemp Seed.** Lb. 50c.; 5 lbs. \$2.40; 10 lbs. \$4.75.  
**Hulled Oats.** 5 lbs. 50c.; 25 lbs. \$2.00.  
**Kaffir Corn.** Lb. 25c.; 10 lbs. \$2.00.  
**Linseed Meal.** Lb. 30c.; 5 lbs. \$1.25.  
**Mash Food (Laying Buttermilk).** 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.50.  
**Mash Food (Growing Buttermilk).** 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.00.  
**Meat (Prepared).** 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.00.  
**Middlings.** 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. \$1.15; 50 lbs. \$2.00; 100 lbs. \$3.50.  
**Millet.** Lb. 30c.; 5 lbs. \$1.25.  
**Oat Meal (Pin-Head).** 5 lbs. 65c.; 10 lbs. \$1.25; 25 lbs. \$2.50.  
**Oyster Shells, Fine or Coarse.** 5 lbs. 25c.; 10 lbs. 40c.; 25 lbs. 65c.; 100 lbs. \$1.75.  
**Pigeon Food.** 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.25.  
**Poultry or Scratch Food (Michell's).** 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.75.  
**Pratt's Poultry Regulator.** 24 ozs. 25c.; 4 lbs. 55c.; 12 1/2-lb. pkg. \$1.60; 25 lbs. \$3.00; 100 lbs. \$10.00.  
**Sunflower Seed.** Lb. 40c.; 3 lbs. \$1.10; 5 lbs. \$1.75; 10 lbs. \$3.25; 25 lbs. \$7.50.  
**Bird Gravel with Charcoal.** Each 10c.; doz. \$1.00.  
**Bird Gravel without Charcoal.** Each 10c.; doz. \$1.00.  
**Bird Manna.** Keeps canaries in prime condition and prevents the loss of song. Pkg. 15c.  
**Canary Seed.** Plain Sicily. Recleaned and of excellent quality. Lb. 45c.  
**Canary Seed.** Mixed. A mixture of the finest quality and in proper proportions. Lb. 35c.; 5 lbs. \$1.60; 10 lbs. \$3.00.  
**Cuttlefish Bone (Spratt's).** Good for digestion and general health. Each 10c.; 1/4 lb. 35c.; lb. 85c.  
**Cuttlefish Bone.** With holder for fastening to cage. Each 25c.  
**Fish Food (Spratt's).** Granular and wafer form. Pkg. 15c.  
**Lettuce Seed.** A slight sprinkle of this is much relished by canaries. Oz. 15c.; 1/4 lb. 35c.; lb. \$1.00.  
**Maw Seed.** Calculated to improve the song of canaries, etc. Lb. 95c.; 5 lbs. \$4.25.  
**Millet Seed.** Recleaned seed; nutritious and appetizing. Lb. 30c.; 5 lbs. \$1.25; 10 lbs. \$2.00.

**Parrot Food. (Spratt's).** Small pkg. 25c.; large pkg. 40c.  
**Rape Seed.** Will keep the birds in excellent condition. Feed with canary seed. Lb. 40c.; 5 lbs. \$1.90; 10 lbs. \$3.75; 25 lbs. \$9.25.  
**Sand, Red.** Fine. For bird-cages. Pkg. 10c.; doz. pkgs. \$1.00.  
**Sand, Silver.** Fine. Pkg. 10c.; doz. pkgs. \$1.00. Bulk, pk. 85c.; bus. \$2.50.  
**Sand or Gravel, Silver.** Coarse. For parrots' cages. Pkg. 10c.; doz. pkgs. \$1.00. Bulk, pk. 85c.; bus. \$2.50.  
**Song Restorer.** For canaries. Bottle 25c.; doz. \$2.50.  
**Spratt's Sing Song.** A tonic and song restorer. Pkg. 15c.  
**Sunflower Seed.** We are very large handlers of this important food for parrots. Our customers may depend on getting a very choice article. Lb. 40c.; 3 lbs. \$1.10; 5 lbs. \$1.75; 10 lbs. \$3.25; 25 lbs. \$7.50.  
**Thistle Seed.** 1/2 lb. 35c.; lb. 60c.; 5 lbs. \$2.75; 10 lbs. \$5.00.  
**Unhulled Rice.** Lb. 25c.; 5 lbs. \$1.10; 10 lbs. \$2.00.  
**Wild Bird Cake.** A balanced food of pure ingredients—seeds, grains, and berries selected because of food value. Each 40c.  
**Wild Bird Seed Mixture.** Lb. 25c.; 5 lbs. 65c.; 10 lbs. \$1.20; 25 lbs. \$2.50; 100 lbs. \$9.00.

Prices on Bird Seed in large quantities quoted on application

## MICHELL'S POULTRY REMEDIES, DISINFECTANTS, ETC.

**Carbola.** Paints and also disinfects. Dries white. An improvement on whitewash, combining the features of a cold-water paint and disinfectant. Will not rub or chip. Not a lime product. 5 lbs. 75c.; 10 lbs. \$1.10; 25 lbs. \$2.50; 50 lbs. \$4.00.  
**Carbolineum.** A poultry-house disinfectant, louse and mite destroyer; insures absolute riddance of the pests if applied but twice a year. Excellent for preserving wood against rot and decay. In gallon cans only. Gal. \$2.00; 5 gals. \$8.00.  
**Chemo.** A liquid lice killer that will not discolor the plumage of white poultry. Gal. \$2.50.  
**Pratt's Disinfectant.** For dipping and spraying poultry and stock. Qt. 85c.; gal. \$2.25.  
**Pine-White.** A sanitary deodorant, disinfectant and whitewash paint for use with brush, spray or, as a dust. For use either inside or out. Dries white and stays white. Pine-White is prepared from a high-grade slaked lime, steam-distilled pine oil and other special ingredients. It has a mild pleasing odor and clean refreshing smell. Active ingredients, 60.31%. Inert ingredients, 39.69%. 5 lbs. 60c.; 10 lbs. \$1.00; 25 lbs. \$2.25; 50 lbs. \$3.75; 100 lbs. \$7.00.  
**Pratt's N. K. Capsules (Poultry Worm Capsule).** Pkg. for adult fowls, 85c.; pkg. for chicks, 55c.  
**Spratt's Dog Soap.** Entirely free from poison, and at the same time most effective in the destruction of lice and fleas. Cake, 25c.  
**Sulphur Candles.** Each 25c.  
**Tobacco Dust.** For dusting on roosts, nests, etc., to keep away vermin. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.  
**Tobacco Stems.** For making nests, etc. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales of about 250 lbs. at 3c. per lb.; per 1/2 ton, \$20.00; ton \$35.00.

## SUNDRIES

**Bulb Fibre.** Qt. 15c.; 1/2 pk. 45c.; pk. 75c.; 1/2 bus. \$1.25; bus. \$2.00.  
**Bull Dog Clips of 1000.** For fastening packages, etc. Box 75c.  
**Carnation Staples.** Wire. 1000, 50c.  
**Celery Paper.** Width 36 in. 167 lineal ft. per roll. Roll \$3.00.  
**Celery Tape, Fast Red.** 1000-yd. spools \$6.50.  
**Celery Tape, Green.** 1000-yd. spools \$4.50.  
**Charcoal.** Lump. Pk. 75c.; bus. \$1.75; bbl. sack \$2.50.  
**Charcoal.** Ground. Coarse, fine, and powdered. Lb. 12c.; 5 lbs. 40c.; 10 lbs. 70c.; 25 lbs. \$1.40; 100 lbs. \$4.00.  
**Moss.** Green Lump. Pk. \$1.25; bus. \$2.00; bbl. bag \$3.75.  
**Moss.** Green Sheet. Lb. 60c.; bag \$4.00.  
**Moss, Sphagnum.** Dry. Bbl. bag \$2.00; large bale \$4.25.  
**Moss, Sphagnum.** Live. Pk. 90c.; bus. \$3.00; bbl. \$4.50.  
**Pearl Chips.** For bulb-bowls, aquariums, etc. White or colored. 1-lb. pkg. 15c.; 12 pkgs. \$1.50. In bulk, white, 10 lbs. \$1.00. Colored, 10 lbs. \$1.00.  
**Peat or Leaf Mould.** Pk. 60c.; bus. \$2.00; bbl. of approximately 2 bus. \$3.50.  
**Peat, Orchid.** Lb. 60c.; 5 lbs. \$2.75; 10 lbs. \$4.25.  
**Pebbles.** Qt. 15c.; pk. \$1.00; 100 lbs. \$3.00.  
**Pruning Compound or Tree Dressing (Fram's).** Qt. \$1.75; gal. \$3.75.  
**Salt Hay.** For protection of plants and shrubs. Smallest quantity sold is a bale, which averages about 120 lbs., at 4c. per lb.; 1/2 ton \$22.50; ton \$40.00.  
**Sand.** For propagating. Qt. 10c.; pk. 40c.; 100 lbs. \$1.50; 500 lbs. \$7.00.  
**Shadeline.** For shading greenhouse glass. 5 lbs. \$1.65; 10-lb. can \$3.00.  
**Soil.** For potting. Qt. 10c.; 1/2 pk. 30c.; pk. 55c.  
**Soil, Plain Top.** 100 lbs. \$1.75; 500 lbs. \$7.50.  
**Tinfoil, Plain.** In 5- and 6-in. widths, 1-lb. pkg. 45c.; 5 lbs. \$1.75; 5-in. width in 5-lb. rolls \$1.75.

## Paper Egg Boxes (1 doz. cap.)

**Suwanee Paper Egg Cartons.** Capacity, one dozen each. Made of heavy cardboard. Doz. 30c.; 25, 50c.; 100, \$1.75; 1000, \$16.00.  
**Eagle Style.** Light-weight cardboard. Doz. 25c.; 25, 40c.; 100, \$1.10; 1000, \$10.00.  
**Printing of Egg Boxes.** 1000, \$3.00.

## Farm Brood Coop

A big, roomy Coop, not painted. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches high in back. Then there is a wire run 38 x 21 x 16 inches. Price, complete, \$9.00.

## Spratt's Dog Cakes

**Spix.** A bone-sized biscuit for small breeds. 5 lbs. \$1.00.  
**Ovals.** A miniature biscuit for small breeds. 5 lbs. \$1.00.  
**Fibo.** A granulated food. 5 lbs. \$1.00.

## Salt Bricks

For dairy cows, horses, and other animals. Essential to general good health in stables. Fastened on the wall it is accessible at all times and remains clean. Brick, 25c.; doz. \$2.75.  
**Salt Brick Holders.** Each 50c.; doz. \$5.25.

ALL PRICES SUBJECT TO MARKET CHANGES

## Michell's Insect Destroyers, Etc.

**Ant Traps, Thalate (Tat).** Each 25c.

**Magikil Jelly.** New and very effective ant-control; also used to eliminate roaches, rats, and mice. 1-oz. tube 35c.; 8-oz. tube, \$1.75.

**Aphine.** A contact insecticide, nicotine base, for destroying aphids, green and white fly, thrip, etc. Dilution 1 to 30. Qt. \$1.10; gal. \$3.25.

**Arsan.** A disinfectant used in treating seeds before planting. It checks seed-decay, certain seed-borne diseases, reduces damping-off on seedlings of certain vegetables—corn and peanuts. 1-oz. pkg. 16c.; 8 ozs. 80c.; 5 lbs. \$6.45; 25 lbs. \$30.00; 100 lbs. \$115.00.

**Arsenate of Lead, Powder.** Affords complete protection against the ravages of any chewing insect on foliage, flower, or fruit, without injury to the most delicate plant-life. Lb. 40c.; 4 lbs. \$1.00; 24 lbs. \$5.00; 96 lbs. \$18.00.

**Arsenate of Calcium.** Effective as a dust or spray in control of chewing insects on most vegetable crops, beans excepted. Lb. 30c.; 4 lbs. 75c.; 24 lbs. \$4.00.

**Astogen.** A safe, effective remedy for root aphids, cutworms, and other soil insects affecting asters and similar plants. 2 lbs. 75c.; 5 lbs. \$1.50.

**"Black Leaf 40"**  
40% Nicotine

A solution of nicotine sulphate. An excellent spray for destroying sucking insects on vegetables, flowers and plants. Effective in delousing livestock. Dilution 1 to 800. Oz. 36c.; 5 ozs. \$1.05; lb. \$2.50; 2 lbs. \$3.70; 5 lbs. \$6.90; 10 lbs. \$11.65; 50 lbs. \$47.50.

**Bordeaux Mixture (Powder.)** A copper sulphate and lime mixture for the control of fungous diseases (blight, rust, wilt, and mildew) on vegetables, flowers, fruit and shade trees. Lb. 35c.; 4 lbs. \$1.00; 24 lbs. \$5.00; 48 lbs. \$9.50; 96 lbs. \$18.00.

**Bug Death.** Contains Natural Nicotine, Rotenone and Sulphur. It is effective on all vegetable crops; also controls leaf-hoppers and Mexican bean beetles. Lb. 35c.; 5 lbs. \$1.25.

**Carbolineum.** A germicide and disinfectant for purifying poultry-houses, stables, etc. Gal. \$2.00; 5 gals. \$8.00.

**Cattle Fly Spray.** Kills flies by contact. Will not stain or mat hair. Gal. \$1.35; 5 gals. \$6.25.



**Ceresan (DuBay).** 2 per cent. A dust disinfectant for cotton, flax, millet, peas, and narcissus. 1-lb. can 75c.; 4 1/4 lbs. \$3.14; 25 lbs. \$14.50; 100 lbs. \$52.00.

**Ceresan, New Improved (DuBay).** A dust-disinfectant for wheat, oats, and barley. 4-oz. can 30c.; lb. 80c.; 4 lbs. \$2.70; 8 lbs. \$5.40; 25 lbs. \$15.00; 100 lbs. \$55.00.

### Chaperone

Protect your garden from damage by dogs. Not dissolved by rain. One application usually lasts from two to three weeks. 4 ozs. 50c.; 12 ozs. \$1.00.

**Copper Solution.** An excellent fungicide for the control of mildew, black-spot, leaf-blight, rust, and other fungous diseases attacking fruit and flowers. Dilution 1 to 80. Pt. 85c.; qt. \$1.50; gal. \$5.00; 5 gals. \$22.50.

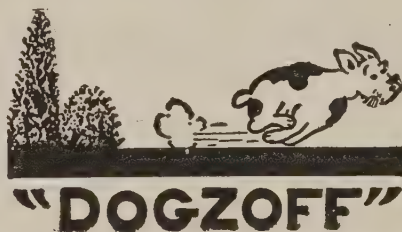
**CYANO GAS**  
REG. U.S. PAT. OFF.

**Cyanogas (Calcium Cyanide). G. Fumigant.** The gas is exceedingly penetrating and easily kills breathing insects in any space where the gas can be confined. Destroys aphids, white fly, soft scale, thrips, etc. 5 lbs. \$3.00; 25 lbs. \$10.00; 100 lbs. \$25.00. Descriptive circular free.

**Cyanogas (Calcium Cyanide). A-Dust.** For killing rats, moles, woodchucks, and other rodents. 1/2 lb. 45c.; lb. 75c.; 5 lbs. \$3.00; 25 lbs. \$10.00; 100 lbs. \$25.00.

### Cyanogas Ant-Killer

Ants are killed instantly in their nests. Don't use Cyanogas Ant-Killer indoors. 4-oz. can 30c.



**Dogzoff.** If you are bothered with dogs, cats, or rabbits, "Dogzoff" is the spray you need. 4-oz. bottle 60c.; pt. \$2.50; qt. \$4.00.

**Dutox.** A non-arsenical insecticide for control of most beetles and other leaf-eating insects. Lb. 40c.; 6 lbs. \$1.75.

**Filmfast.** For use with insecticides and fungicides. It causes the solution to spread evenly over the surface of leaves, fruits, and vegetables. 2 lbs. 50c.

### Fish-Oil Soap (Good's)

**Number One.** A semi-solid Soda Fish-Oil Soap, very effective against scale and soft-bodied sucking insects. Lb. 35c.; 5 lbs. \$1.35; 10 lbs. \$2.50; 25 lbs. \$4.50; 50 lbs. \$7.00; 100 lbs. \$12.00.

**Number Three.** A soft Potash Fish-Oil Soap, excellent as an emulsifier in the preparation of oil sprays, and as a spreader and liberator with Nicotine or Arsenate of Lead. Lb. 35c.; 5 lbs. \$1.35; 10 lbs. \$2.50; 25 lbs. \$4.50; 50 lbs. \$7.00; 100 lbs. \$12.00.

**Number Nine (Rosin).** A spreader and sticker in combination with chemical sprays on vegetable, fruit, and berry crops. Especially recommended for the destruction of boxwood maggot. Dilution, 1 pound to 50 gallons. 5 lbs. \$1.50; 10 lbs. \$3.00; 25 lbs. \$5.25; 50 lbs. \$9.00; 100 lbs. \$15.00.

**Formacide.** A stabilized formaldehyde dust, triple strength, seed- and soil-disinfectant used as a control of damping-off. 1/2 lb. 50c.; lb. 85c.; 5 lbs. \$2.50; 25 lbs. \$10.00; 50 lbs. \$17.50; 100 lbs. \$30.00.

**Fume Tox.** Recommended for the protection of vegetables, also plants, from destruction by rabbits and other animals of similar habits. 10 ozs. 60c.; 20 ozs. \$1.00.

**Fungtrogen**  
FUNGICIDE AND STIMULANT  
REG. U.S. PAT. OFF.

**Fungtrogen.** Fungicide fertilizer. Invisible on foliage and blooms, it is an effective preventive and remedy for mildew, black-spot and other fungous diseases of roses, hollyhocks, snapdragons, phlox, sweet peas, carnations, etc. 1/2 pt. 75c.; pt. \$1.25; qt. \$2.00; 1/2 gal. \$3.50; gal. \$6.00.

**Garden Dust.** (du Pont.) Fluorine insecticide and copper fungicide. Either used as a dust or spray. Use any time of the day. 5-lb. bag \$1.10.

**Go-West.** Effective in its control of weevils, slugs, snails, and other leaf-eating insects. Garden size 60c.; medium size \$2.00; market size \$4.00; 1/2-acre size \$15.00.

**Grape and Rose Dust.** A fungicidal dust, safe to use on any vegetable or flowering plants, against mildew, black-spot, and other fungous diseases. 5 lbs. \$1.25; 25 lbs. \$6.00; 100 lbs. \$22.00.

**Hydroxide.** For potatoes, tomatoes, garden vegetables, and small fruits, controlling leaf-eating insects and blight. Lb. 40c.; 4 lbs. \$1.00.

**Insectrogen**  
TRIPLE SERVICE  
FUNGICIDE - INSECTICIDE - FERTILIZER  
TRADE MARK

**Insectrogen.** An effective insecticide that rids your roses and other plants of leaf-chewing insects. Only water is required. Makes 60 times its volume. Pt. \$1.75; qt. \$2.75; gal. \$8.00.

**Kerosene Emulsion (Liquid Miscible Oil).** Diluted in water this makes an excellent spray for all mild forms of scale. Dilutes 1 part to 10 parts of water. Qt. 75c.; gal. \$1.75; 5 gals. \$6.00.

**Kryocide**  
REG. U. S. PAT. OFF.  
NATURAL CRYOLITE

**Kryocide.** Insures protection for vegetables and fruit trees. Simply apply as a dust or spray. Lb. 35c.; 4 lbs. 85c.

**Lemon Oil.** A standard insecticide recommended for destroying thrip, aphids, mealy bug, etc. 1/2 pt. 35c.; pt. 60c.; qt. \$1.00; 1/2 gal. \$1.75; gal. \$3.00; 5-gal. keg \$12.00.

**Lime-Sulphur.** Dry. For effective control of San Jose scale, apple and pear scab, peach-leaf curl, and cherry leaf-spot. 25 lbs. \$4.75; 100 lbs. \$16.00.

**Lime-Sulphur Solution.** A concentrated liquid form of this widely used insecticide and fungicide for spraying fruit trees. Bbl. (50 gals.) \$14.00.

ALL PRICES SUBJECT TO MARKET CHANGES

## MICHELL'S INSECT DESTROYERS, ETC.

### Mexican Bean Beetle Destroyer Dust or Spray

Mexican Bean Beetle Destroyer requires the addition of no other material when used as a dust. For wet spraying mix 8 pounds to 100 gallons of water or 6 level tablespoonfuls to 1 gallon of water. Lb. 35c.

**Molasses, Black.** A crude grade of molasses, highly favored as a sticker. Gal. \$1.25; 5 gals. \$5.00.

**Mo-Lo Tablets.** When placed at intervals in the runs, these are very effective in destroying and driving away moles. Pkg. 25c.

**Mouse Seed.** Safer and more convenient than paste or traps. Ready to use. No bait required. Pkg. 25c.

**Mologen.** An odorless powder that eliminates moles from the lawn in two or three days. Safe to use even where pets are kept. 1/2-lb. can 50c.; 1 1/2-lb. can \$1.25; 5-lb. can \$4.00.

**Naphtha Flakes.** Will control thrips, sowbugs, and other earth vermin. Lb. 30c.; 10 lbs. \$2.30; 25 lbs. \$5.50; 50 lbs. \$10.50.



### Nico-Fume Liquid

A powerful and highly refined nicotine solution that has the twofold advantage of being adaptable either for spraying or for fumigating purposes.

Lb. \$2.75; 4 lbs. \$7.35; 8 lbs. \$13.50; 40-lb. drum \$56.50.

### Nico-Fume Pressure Fumigator

Advantageous to greenhouse owners because fumigation reaches every leaf and bud, and requires less time and labor than does spraying.

1/2-lb. size 55c.; case lots of 1 doz. \$4.95.

1-lb. size, 85c.; case lots of 1 doz. \$8.65.

**Nico-Fume Pressure Fumigator Holders** for hand-directed fumigation with the Pressure Fumigator. Each \$1.00.

**Nicotine Pyrox.** It kills both chewing and sucking insects, prevents blight and fungus diseases. 17.6 ozs. 60c.; 5 lbs. \$2.00.

**Nikoteen Liquid.** A safe and highly effective spray and fumigant of highly refined free nicotine. Available in two grades:

**30 per cent solution.** 1-oz. bottle 35c.; 1/2 lb. \$1.50; lb. \$2.75; 4 lbs. \$7.00; 8 lbs. \$13.00.

**40 per cent solution.** 4 lbs. \$8.00; 8 lbs. \$14.50.

**Nik-Ro-Sul.** The ideal general-purpose dust. It is a safe non-arsenical insecticide and fungicide in the garden, for the control of Mexican bean beetles, squash bugs, onion thrip, etc., apply Nik-Ro-Sul thoroughly on the crop at the rate of 15 to 25 pounds per acre. Lb. 35c.; 5 lbs. \$1.25.

**No-Py-Ro.** A new synthetic insecticide with a more effective control of red spiders, aphids, thrips and mealy bugs. It contains only synthetic chemicals which can be duplicated in exactly the same quantity each time a lot is made up. No-Py-Ro contains sufficient wetting agents to give excellent coverage of insects and plants and will mix readily with hard or soft water. Qt. \$3.75; gal. \$12.00.

**Para-Dichlorobenzene (PTB).** The most effective remedy for the peach tree borer. 1 ounce per tree. 1-lb. can 50c.; 5-lb. can \$2.00; 25-lb. keg \$9.50.

**Paris Green.** A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. 1/4 lb. 25c.; lb. 60c.; 4 lbs. \$2.25; 14 lbs. \$6.75.



### Pomo-Green

**Pomo-Green with Nicotine.** A leaf-green material which can be used as a spray or dust, and which affords complete protection against black-spot, mildew, leaf-eating insects and aphids. 1 pound makes 4 gallons of spray. Lb. 80c.; 5 lbs. \$3.30.

**Pomo-Green without Nicotine.** Used as a dust only to control plant diseases and leaf-eating insects. 1-lb. can 55c.; 5-lb. carton, \$1.85.

**Potato Dust.** (du Pont.) Calcium arsenate insecticide and copper fungicide. Either used as a dust or spray. Contains no lime or harmful diluents. Use any time of the day. 5-lb. bag \$1.00.



Just mix  
**Pyrox**  
with water—and spray

**Pyrox (Bowker's).** A combined insecticide and fungicide for all leaf-eating insects, blights, and fungus troubles. Especially recommended for potatoes. Mix Pyrox with water and spray. The material sticks to the leaves even through the hardest rains. 50 lbs. \$8.35; 300 lbs. \$34.50.

**Rabbit Chaser, Lag's.** Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle, with directions, 50c.

**Rat Paste (Zelio).** The most efficient poison for destroying rats, mice, and other rodents. 2-oz. tube 65c.



NON-POISONOUS  
**RED ARROW**  
GARDEN SPRAY  
HIGHLY CONCENTRATED

**Red Arrow Insect Spray (Pyrethrum Soap).** A safe, efficient insecticide for use against sucking and chewing insects. 1-oz. bottle 35c.; 1/4 pt. \$1.00; qt. \$5.00; gal. \$17.00; 5-gal. can \$77.50.

**Rosul Dust.** For the safe control of Mexican bean beetles and other insect destroyers of garden crops. Apply the dust as the insect first appears and continue at two-weeks' intervals. Lb. 35c.; 5 lbs. \$1.25.

**Rotenone "50".** An economical dust containing 50/100 per cent of Rotenone, one of the most effective contact insecticides. Controls many types of beetles and worms attacking vegetable crops. Lb. 35c.; 5 lbs. \$1.25; 50 lbs. \$10.00.

## SCALECIDE

—THE COMPLETE DORMANT SPRAY—

Scalecide, diluted 1 gallon to 15 gallons of water, may be used on any kind of fruit or shade tree that drops its foliage in winter. Qt. 75c.; gal. \$1.75; 5 gals. \$6.35; 10 gals. \$10.90; 30 gals. \$23.75; 50 gals. \$36.00.

**Scale Oil.** For dormant spraying of fruit trees and ornamentals. Dilution: 1 to 15. Qt. 75c.; gal. \$1.75; 5 gals. \$6.00; 30 gals. \$23.50; 50 gals. \$32.50.

**Selocide.** A powerful contact killing agent which will kill from 90 to 100 per cent of red spiders in one application. Dilution: 1 to 200. Gal. \$3.50; 5 gals. \$16.75.

### Semesan

#### For Flower and Vegetable Seeds, also for Lawns

Semesan may be applied in dust or liquid form to the seed before planting. One ounce treats 15 pounds of seed. Effective in controlling damping-off and such devastating gladiolus diseases as hard rot and scab. Also the most effective means of controlling brown patch which attacks the turf of golf-courses, tennis courts and lawns. 1/2 oz. 10c.; 2 ozs. 40c.; 12 ozs. \$1.88; 4 lbs. \$9.10; 25 lbs. \$52.50; 100 lbs. \$198.00.



**Semesan Bel, New Improved.** (DuBay.) For treating seed potatoes before planting. One pound treats 60 to 80 bushels of seed. 2 ozs. 30c.; lb. \$1.65; 4 lbs. \$5.70; 25 lbs. \$33.25; 100 lbs. \$125.00.

**Semesan Jr., New Improved.** (DuBay.) For controlling seed-borne diseases of seed, field and sweet corn. 1 1/2-oz. pkg. 15c.; 12-oz. can 56c.; 6 1/4 lbs. \$3.75; 25 lbs. \$12.50; 100 lbs. \$45.00.

**Soap, C. P. O.** A liquid soap-spreader with a distinct insecticidal value of its own. Dilution: 1 to 50. 3-oz. bottle 25c.; pt. 85c.; qt. \$1.50; gal. \$3.50; 5 gals. \$12.00.

### Grasselli Spreader

This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. Pt. 75c.; gal. \$4.95; 5 gals. \$23.00.



### Slug Shot

A standard and safe dust which kills beetles, weevils, worms, and leaf-eating insects on vegetable and flowering plants. 1-lb. carton 25c.; 5 lbs. \$1.00; 25 lbs. \$4.75; 125-lb. keg, with a duster \$17.50; 250 lbs. \$33.00.

ALL PRICES SUBJECT TO MARKET CHANGES

## MICHELL'S INSECT DESTROYERS, ETC.

**Spergon.** The first non-metallic organic chemical fungicide ever developed for prevention of seed decay and damping-off. It stimulates growth. It is safe to use and is compatible with legume bacteria on many seeds in many soils. 2 ozs. 35c.

### Spor-Go

Spor-Go is a copper mildew spray powder which contains twice as much copper as commercial Bordeaux Mixture. It controls blight and leaf-spot on potatoes, tomatoes, beans, cucumbers, and grapes and many other plants. One ounce makes  $2\frac{1}{2}$  gallons of finished spray. It also is used as a dormant application on bramble fruits such as raspberries, etc. 8 ozs. 50c.; 20 ozs. \$1.00; 5 lbs. \$3.00.

**Sulphate of Aluminum.** Used in conjunction with Hydrated Lime, this material makes a safe and excellent repellent for Japanese and Asiatic beetles. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 100 lbs. \$4.00; 200 lbs. \$7.50.

**Sulphate of Copper.** A basic fungicide used in making Bordeaux Mixture, or alone to control various fungous diseases. Lb. 25c.; 5 lbs. \$1.00; 10 lbs. \$1.85; 25 lbs. \$4.50; 100 lbs. \$15.00.

**Sulphur, Flowers of.** A high-grade form of this standard fungicide and fumigant, adapted for either dusting or burning. Lb. 20c.; 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.75; 100 lbs. \$8.50.

**Sulphur, Wettable (Dritomic).** It wets immediately upon being placed in water and will stay in suspension indefinitely. Ideal for wet spraying of fruit and ornamental trees to control scab-rot, leaf-spot, mildew, rust, etc. 2 lbs. 25c.; 5 lbs. 50c.; 50 lbs. \$4.00.

## SULROTE

Contains 0.80% Rotenone

Combination Rotenone and sulphur dust for control of flower and vegetable garden insects and fungous diseases. For gladiolus thrips, rose chafers, Mexican bean beetles, flea beetles, cabbage worms; also mildew and black-spot on roses, and for carnation alternaria. Lb. 45c.; 5 lbs. \$1.35; 25 lbs. \$5.50; 100 lbs. \$17.00.

**Sunoco Spray Oil.** A safe, inexpensive, efficient spray for the control of scale insects, red spider, and lace-wing bugs. Dilution: 1 to 25. Gal. \$1.50; 5 gals. \$5.75; 55 gals. \$26.00.

**Tartar Emetic.** To control gladiolus thrip, use 4 lbs. Tartar Emetic with 16 lbs. brown sugar to 100 gals. of water. Lb. \$1.25; 5 lbs. \$5.75; 25 lbs. \$27.50.

## Terogen

SOIL DISINFECTANT  
FUNGICIDE INSECTICIDE FERTILIZER  
REG. U.S. PAT. OFF.

**Terogen.** A new autumn and winter ground-dressing acting both as a fertilizer and as an insecticide. 1-lb. tin 75c.; 2-lb. tin, \$1.25; 5-lb. tin \$2.75; 10-lb. tin \$4.75; 25-lb. tin \$11.00; 100 lbs. \$40.00.

**Tobacco Dust.** For dusting. 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.75.

**Tobacco Dust.** For fumigating. Specially treated to induce easy burning. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.25.



**Tri-Ogen.** The all-purpose spray. Complete protection against plant insects and diseases. Mildew and black-spot easily controlled with this spray treatment. Small kit (makes 16 qts.), \$1.50; medium kit (makes 64 qts.), \$4.00; large kit (makes 32 gals.), \$6.00; estate kit (makes 128 gals.), \$20.00.

**Thrip Juice, Hammond's No. 2.** This preparation is very effective against aphid, red spider, mealy bugs, and sucking insects generally.  $\frac{1}{2}$  pt. 50c.; pt. 90c.; qt. \$1.50; gal. \$5.50; 5 gals. \$25.00.



### Tree Tanglefoot

Stops all climbing insects. This sticky compound is easy to apply with a wooden paddle. 6-oz. can 45c.; lb. 80c.; 5 lbs. \$3.75; 10 lbs. \$7.00; 25 lbs. \$15.00.

**Tobacco Stems (Fresh).** For fumigating and for mulching to destroy insect life in the soil. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales at 3c. per lb.;  $\frac{1}{2}$  ton \$20.00; ton \$35.00.

**Victory Dust No. 76.** Designed to replace Rotenone and can be successfully used on all garden and truck crops. It can be used effectively as a dust or spray. Lb. 35c.; 5 lbs. \$1.25.



**Volck, Nursery & Garden Spray.** Can be used on growing plants in the nursery, greenhouse and garden and is used to control thrip, aphid, scale, mealy bug, red spider, leaf hopper, small caterpillar and leaf-spot. 4 ozs. 25c.; 16 ozs. 50c.; gal. \$2.25.

## WHY BUGS LEAVE HOME



**Wilson's O. K. Plant Spray.** This spray offers a sure and safe method of control for boxmite, thrip, leaf-hopper, psylla, green, black, and woolly aphid, midge, currant worms, spruce gall, lace-wing fly on rhododendrons, crawling young scale. Dilution: 1 to 15. Qt. \$1.00; gal. \$3.00; 5 gals. \$12.00; 10 gals. \$22.00;  $\frac{1}{2}$  bbl. (30 gals.) \$57.00; bbl. (50 gals.) \$90.00.

**Worm Destroyer.** For earthworms. A safe, dry powder which will effectively and promptly bring earthworms to the surface and kill them. Apply at the rate of a half pound per square yard, then saturate the ground with water. 25 lbs. \$1.75; 50 lbs. \$3.25; 100-lb. bag \$6.00; 500 lbs. \$25.00;  $\frac{1}{2}$  ton \$47.00; ton \$90.00.

**Zelio Wheat.** For killing field mice and other rodents. Pkg. 25c.

### Michell's Weed Killer

Positively destroys every kind of weed and vegetation wherever applied. One application is usually required yearly; add 40 gallons of water to one gallon of Weed Killer, then sprinkle the solution upon the vegetation.

Weed Killer cannot be used in the garden, flower-beds or on the lawn where you want to grow plants and grass.

One gallon will cover 150 sq. yds. Qt. 50c.; gal. \$1.50; 5 gals. \$6.50; 30 gals. \$32.00; 55 gals. \$46.75.

### Adco Weed Killer

By the use of Adco Weed Killer it is possible to eliminate moss and weeds, such as dandelions, plantains, chickweed, docks, ground ivy, creeping buttercup, foxtail, heal-all, sheep sorrel, spotted spurge, yarrow, yellow trefoil, etc., with great benefit to the grass and lasting improvement in the lawn. It should not be used on Bent grass and its action is not favorable to clover.

3 lbs. \$1.00; 25 lbs. \$4.00.

### Alfco Crabgrass Killer

Kills crabgrass and weeds in the lawn without destroying permanent lawn grasses. Sprayed on infested areas during September, Alfco will destroy both the plant and the seeds, checking reinfestation next year. One pound will treat 2000 to 4000 square feet. Lb. \$1.50; 2 lbs. \$2.50; 10 lbs. \$8.00.

**Sodium Arsenite.** Lb. 35c.; 5 lbs. \$1.50; 10 lbs. \$2.50; 25 lbs. \$5.25.

**Iron Sulphate.** 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.75.

**Weedone.** The new weed killer that will kill poison ivy, bindweed, wild morning-glory and Japanese honeysuckle. 6-oz. bottle \$1.00; 1-qt. bottle \$4.00; 1-gal. bottle \$12.00; 5-gal. can, \$11.00 per gal.

### Solvay (Calcium Chloride)

For Preventing Dust on Driveways and Tennis-Courts

An ideal dust-layer and binder for all gravel and dirt surfaces.

Use about 2 pounds per square yard, broadcast over the surface. 100 lbs. \$3.25; \$3.00 per 100 lbs. in drums of about 400 lbs.

ALL PRICES SUBJECT TO MARKET CHANGES

# Michell's High-Grade Fertilizers

**PLEASE NOTE: No smaller quantity of Fertilizer than here offered can be supplied**

## Adco Artificial Manure

Converts garden refuse, such as leaves, stalks, cuttings, potato, bean and pea vines, etc., into artificial manure.

Adco is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farm-yard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc. Farmers, by utilizing straw, cornstalks, etc., can secure their manure without the expense and labor of maintaining livestock. 25 lbs. is sufficient to make  $\frac{1}{2}$  ton of manure; 150 lbs. is sufficient to make 3 tons of manure. 7 $\frac{1}{2}$  lbs. \$1.00; 25 lbs. \$2.00; 150-lb. bag \$10.50; 600 lbs. \$42.00; 2100 lbs. \$145.00.

**All Crop Fertilizer.** A high-grade, properly balanced fertilizer for general use on all farm and garden crops. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50.

**Ashes, Canada Hardwood.** Apply 1000 pounds per acre. Indispensable for all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grass-fields it is applied to best advantage either in very early spring or late fall. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; 200-lb. bbl. \$5.00.

**Asparagus Fertilizer.** A mixture that promotes root and top growth. Apply 800 pounds per acre. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50.

**Bacteria** for Leguminous Crops. See Legume-Aid.

**Blood (Dried).** For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs. 90c.; 10 lbs. \$1.50; 25 lbs. \$2.75; 50 lbs. \$4.50; 100 lbs. \$8.00.

**Blood, Bone and Potash.** A very high-grade fertilizer for all vegetable and farm crops. 100 lbs. \$4.75.

**Bone, Coarse Ground.** Apply 800 to 1000 pounds per acre. Prepared from raw bone, exactly like bonemeal, except that it is not so fine or quick in action. It is used for the same purpose. 100 lbs. \$6.50.

**Bone Flour.** Finely pulverized and bolted. Effective immediately. For rose-growing this cannot be excelled. Rich in phosphoric acid and ammonia. Apply 600 pounds per acre. 5 lbs. 50c.; 10 lbs. 90c.; 25 lbs. \$1.65; 50 lbs. \$2.75; 100 lbs. \$5.00.

## Bonemeal

**Michell's Special Grade.** Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens, and greenhouse, or any purpose where a high class fertilizer counts. Apply 800 to 1000 pounds per acre. 3 lbs. 35c.; 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; 200 lbs. \$8.50;  $\frac{1}{2}$ ton \$38.50; ton \$75.00.

**Bonemeal, Raw.** Prepared from unsteamed bone, this fertilizer is higher in nitrogen than regular bonemeal, but slower in action. 100 lbs. \$4.50;  $\frac{1}{2}$ ton \$38.50; ton \$75.00.

**Bovung.** A natural cow manure. Free from live weed seeds; ideal for use on the lawn and also excellent for flowering plants. 5 lbs. 35c.; 10 lbs. 60c.; 25 lbs. \$1.10; 50 lbs. \$2.00; 100 lbs. \$3.75.

**Cow or Cattle Manure (Shredded).** Convenient to handle, making it possible for everyone to get this usually scarce article at all times. Especially suited for soil-mixing, mulching and liquid manuring. Apply 1000 pounds per acre. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50;  $\frac{1}{2}$ ton \$29.00; ton \$56.00.

**Cow or Cattle Manure (Pulverized).** Thoroughly sterilized and weedless. Quick in action and especially desirable for pot-plants, etc. 100 lbs. \$3.50;  $\frac{1}{2}$ ton \$29.00; ton \$56.00.

**Electra.** A perfectly balanced fertilizer which is more than 80 per cent organic. It is becoming more popular with the growers because it can be used for almost any purpose. Lb. 35c.; 5 lbs. \$1.00; 25 lbs. \$4.00; 50 lbs. \$6.00; 100 lbs. \$10.50.

**Ferogen.** A remarkable plant food, soil stabilizer and ground dressing for your roses. Ferogen should be cultivated into your rose beds in the early spring and summer. It supplies vital chemical elements and stimulates vigorous root action and strong growth. In convenient powder form. Ferogen reinforces stable manure. Lb. 75c.; 2 lbs. \$1.25; 5 lbs. \$2.75; 10 lbs. \$4.75; 25 lbs. \$11.00; 100 lbs. \$40.00.

**Hortobacco (Michell's).** A fertilizer manufactured from a tobacco base. For lawns, putting-greens, flower and vegetable gardens, etc. Also acts as an efficient insecticide. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

## Hyper-Humus Nature's Soil-Builder

Extracted from domestic peat deposits, this material is entirely free of weed seeds, is well rotted, and finely ground, ready to use.

Hyper-Humus makes an ideal top-dressing for the lawn, garden, and shrubbery, and is unexcelled for lightening heavy soils, or binding soils which are too light. Use at the rate of 1 to 4 pounds per square foot, depending on the condition of the soil.

Prices for bagged material: 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. 85c.; 50 lbs. \$1.25; 100 lbs. \$2.00; 500 lbs. \$9.50;  $\frac{1}{2}$ ton \$15.00; ton \$25.00; in loose bulk, truckload (minimum 5 tons), \$11.00 per ton f.o.b. plant; carload (minimum 25 tons), \$9.00 per ton, f.o.b. plant, Hyper-Humus, N. J.

**Hy-Gro 52.** A water-soluble fertilizer that maintains the 1-2-1 ratio in a safe concentration. An application every week, using  $\frac{1}{4}$  strength solution, will produce even growth. 3 ozs. 25c.; 20 ozs. \$1.00; 10 lbs. \$4.00.

**Hyponex Plant Food.** A medicine for plant life. Plants grow luxuriantly, flower abundantly and develop sturdy growth regardless of poorness of soil. A teaspoonful makes a gallon of liquid plant food. 3-oz. can 25c.; 1-lb. can \$1.00; 10 lbs. \$8.00; 25 lbs. \$15.00; 100 lbs. \$40.00.

**Land Plaster (Gypsum).** A form of lime which may safely be applied with manure, since other types react unfavorably on manure. When applied to land, it furnishes lime without increasing the alkalinity of the soil. Apply 1500 to 2000 pounds per acre. 10 lbs. 60c.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25.

ALL PRICES SUBJECT TO MARKET CHANGES

## Lawn Dressing (Michell's)

A complete organic fertilizer made up expressly for use on lawns and putting-greens. It affords a well-balanced, steady diet for established lawns and encourages quick, vigorous growth on new lawns.

When building a lawn, use 50 pounds per 1000 square feet, raked into the upper surface of the soil. Established lawns should receive spring and fall applications of 25 pounds per 1000 square feet, preferably mixed with top dressing, or watered immediately after applying. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

**Legume-Aid.** For alfalfa and all clovers:  $\frac{1}{2}$ -bus. size 30c.; 1-bus. size 50c.; 2 $\frac{1}{2}$ -bus. size, \$1.00. For soy beans, peas, vetch and beans: 1-bus. size 30c.; 2-bus. size 50c.; 5-bus. size \$1.00; 50-bus. size \$5.00. Garden size for garden peas, beans, and sweet peas, 10c. Always state what kind of seed you wish to inoculate when ordering.

**Liqua-Vita.** A liquid plant food containing three major plant foods, plus Vitamin B<sub>1</sub>, Plant Hormones, and nine secondary plant foods. It is as safe on small seedlings as on large plants. One-half ounce to one gallon is the maximum concentration. 4 ozs. 30c.; 12 ozs. 60c.; qt. \$1.25; gal. \$4.00; 5-gal. bbl. \$15.00.

**Lime (Hydrated or Powdered).** For correcting acidity in the soil. Apply at the rate of 1 ton per acre. 10-lb. box 30c.; 50 lbs. 85c.; 100 lbs. \$1.50; 500 lbs. \$6.25;  $\frac{1}{2}$ ton \$11.00; ton \$20.00.

**Limestone (Pulverized).** The raw form of lime, useful where a coarse material is required on worn-out acid soils. Apply 1 $\frac{1}{2}$  tons per acre. 100 lbs. \$1.25; 500 lbs. \$5.00;  $\frac{1}{2}$ ton \$9.50; ton \$17.50.

**Spergon.** The first non-metallic organic chemical fungicide ever developed for prevention of seed decay and damping-off. It stimulates growth. It is safe to use and is compatible with legume bacteria on many seeds in many soils. 2 ozs. 35c.

**Wizard Sheep Manure.** Beautiful flowers and thick velvety green lawns are possible only on rich, physically perfect soils. Wizard Manures promote strong healthy growth by supplying an abundance of humus, vitamins and mineral foods needed by all soils. 3 lbs. 25c.; 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50;  $\frac{1}{2}$ ton \$29.00; ton \$56.00.

**Mum Manure (Smith's).** Give your plants a quick start by using this manure. A perfect food for 'Mums and other flowers, either under glass or in the garden. 50 lbs. \$3.00; 100 lbs. \$5.50.

**Muriate of Potash.** Usually used with other fertilizers deficient in potash. Excellent for potatoes, corn and other grains. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.25; 100 lbs. \$4.00; 200 lbs. \$7.50.

**Milorganite.** A specially prepared, activated sewage sludge, entirely organic and absolutely safe to apply on lawns, flowerbeds, trees, etc. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.

**Nitrate of Soda.** (16 per cent). A source of nitrogen in a form immediately available, which stimulates leaf- and top-growth of plants, of vegetables and fruit, and should therefore be used only after plants are above the ground. Lb. 20c.; 5 lbs. 65c.; 10 lbs. \$1.00; 25 lbs. \$1.75; 50 lbs. \$2.75; 100 lbs. \$5.00.

**Peat Moss.** We offer only the highest grade, clean granulated Peat Moss, certified as to quality and uniformity. An excellent material for summer or winter mulching, and a valuable source of organic matter when incorporated with the soil. 1-bus. bag 75c.; 5-bus. bag \$2.25; large bale \$5.00.

## MICHELL'S HIGH-GRADE FERTILIZERS

**Phosphate, Ammoniated.** A complete, balanced fertilizer for all vegetable crops and particularly suited for grain and cereal crops. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50.

**Phosphate, Super (20 per cent).** 100 lbs. \$2.50.



Fulton's PlanTabbs are the finest of plant-foods, recommended particularly for potted plants as well as the flower and vegetable garden. Clean, convenient tablets without odor; balanced and complete, they contain all the food elements any plant requires.

12 tablets 10c.; 36 tablets 25c.; 90 tablets 50c.; 240 tablets \$1.00; 2 lbs. \$2.75.

**Potato Fertilizer (Michell's).** Apply at the rate of from 800 to 1000 pounds per acre. 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50.

**Salt.** For asparagus beds and putting on walks and roads to kill weeds. Apply 800 pounds per acre in early spring. 25 lbs. 85c.; 50 lbs. \$1.50; 100 lbs. \$2.50; 200 lbs. \$4.50.

**Soil.** For potting. Qt. 10c.; ½ pk. 30c.; pk. 55c.; bus. \$1.75; bbl. \$3.50.

**Soil.** Plain top. 100 lbs. \$1.75; 500 lbs. \$7.50.

**Soot (Imported Scotch).** This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.50; 100 lbs. \$8.00.

### Stimroot

A correctly balanced hormone powder which contains two 10-year tested and proved plant hormones, indolebutyric and naphthalene acetic acid. A proved fungicide and non-clotting talc carrier. Lb. \$5.00; 2 ozs. \$1.00.

**Stimroot Powder Duster.** \$1.50.



**Stim-U-Plant.** For more beautiful plants and flowers. The original plant-food tablet. Makes plants grow faster and bloom better. On market 22 years. Wonderful results. Odorless, clean, and economical. Prices: 10 tablets, 10c.; 30 tablets 25c.; 100 tablets 75c.; 500 tablets \$2.50; 1000 tablets \$3.50.

**Sulphate of Aluminum.** Especially adapted for rhododendrons and other plants requiring an acid soil. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 100 lbs. \$4.00.

**Sulphate of Ammonia.** Apply 75 to 100 pounds per acre only with other fertilizers. Analysis equal to 20 per cent ammonia. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; 200 lbs. \$8.50.

**Sulphate of Iron.** 5 lbs. 75c.; 10 lbs. \$1.40; 25 lbs. \$2.75; 50 lbs. \$4.50; 100 lbs. \$8.00.

**Sulphate of Potash.** Apply 100 to 125 pounds per acre, usually with other fertilizers. Analysis equal to 50 per cent of actual potash. 5 lbs. 75c.; 10 lbs. \$1.25; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.50; 200 lbs. \$12.00.

**Superphosphate (20 per cent).** A very high-grade phosphate. Apply 750 pounds per acre. 100 lbs. \$2.50; 200 lbs. \$4.50.

**Tan Bark** used for making paths in formal gardens. Can be supplied in 100-lb. bags only. 100 lbs. \$2.00; 500 lbs. \$9.50; 1000 lbs. \$18.00; ton \$35.00.

**Tankage.** A blood-and-bone product yielding nitrogen, lime and phosphoric acid. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.25.

**Terogen.** A new autumn and winter ground dressing acting both as a fertilizer and as an insecticide. 1-lb. tin 75c.; 2-lb. tin \$1.25; 5-lb. tin \$2.75; 10-lb. tin \$4.75; 25-lb. tin \$11.00; 50 lbs. \$21.00; 100 lbs. \$40.

### Tree Food (Michell's)

A wonderful fertilizer for fruit and shade trees. Contains the three necessary elements mixed in the proper proportions so as to promote vigorous growth. On backward, sickly trees, whether newly planted or of long standing, it works wonders.

### Not Used as a Top-Dressing

Drill holes in the ground, 1½ feet deep and 5 feet away from the trunk, and extend out beyond the line of foliage; fill holes with food and then close. 5 lbs. 50c.; 10 lbs. 85c.; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

**Soil Auger No. 2.** Best method for applying to trees. \$3.00.

**Tobacco Stems.** For fumigating, mulching, and fertilizing, these are invaluable. Lb. 15c.; 5 lbs. 50c.; 10 lbs. 75c.; 25 lbs. \$1.50; large bales at 3c. per lb.

**Universal Acid Plant Food.** For gardenias, azaleas, and other acid-loving plants. 100 lbs. \$6.75.



**Vigoro.** Complete plant-food. For successful lawns and gardens. It supplies all 11 food elements growing things need from soil . . . in scientifically balanced proportions. Safe, sanitary, odorless, and easy to apply. A single 100-lb. bag will feed 2500 sq. ft. 1-lb. bag 10c.; 5-lb. bag 45c.; 10-lb. bag 85c.; 25-lb. bag \$1.50; 50-lb. bag \$2.50; 100-lb. bag \$4.00.

**Vigoro Tablets.** Pkg. 10c.

**Wonder Worker Fertilizer.** An extremely high-grade animal base fertilizer adapted for growing all vegetable crops. Will not burn. 100 lbs. \$4.50.

**Wood Ashes.** Apply 1000 pounds per acre. Indispensable for all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grassfields it is applied either in early spring or late fall. 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; 200-lb. bbl. \$5.00.

ALL PRICES SUBJECT TO MARKET CHANGES

## ROOT-FORMING CHEMICALS

### HORMODIN, The root-forming chemical

A root-forming chemical for stimulating rapid root-growth on cuttings, simply by placing the basal ends in the solution before planting them. Cuttings so treated root quicker and have more growing roots per cutting. Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart.

**Powder No. 1.** A general-purpose powder especially good for carnations, roses, poinsettias, chrysanthemums, and similar types. 1½-oz. pkg. 50c.; 1-lb. pkg. \$3.00.

**Powder No. 2.** Designed for many of the woody and semi-woody types. 1½-oz. pkg. 75c.; 1-lb. pkg. \$4.50.

**Powder No. 3.** Designed for the more resistant species including many evergreens and dormant leafless cuttings. 1-oz. pkg. \$1.00; ½-lb. pkg. \$4.50.



The plant hormone powder. Insures better flowers by providing better roots. Dust your seeds, bulbs and cuttings before planting with Rootone. Write for booklet. ¼ oz. 25c.; 2-oz. jar \$1.00; 1-lb. can \$5.00.

### Vitamin B-1 (Thiamine Hydrochloride).

Vitamin B<sub>1</sub> stimulates root-growth, restores sick and straggly plants to health, produces larger blooms, prevents root-shock in transplanting. We offer this powder in vials containing enough to make 2000 gallons of solution. Vial \$1.00; 100 tablets making 2000 gals. \$1.00; 100 tablets making 100 gals. 35c.; liquid form, sufficient for making 2000 gals. \$1.00; liquid in bottles, making 100 gals. 35c.



Vitamin Hormone Stimulant for rooted plants. 1-oz. can 50c.; 3-oz. can \$1.00; 1-lb. can \$4.00.

### DuPont Ammate Weed Killer

Ammate Weed Killer, ammonium sulfamate, has been tested during the past five years by experiment stations and agriculturists for the control and eradication of many troublesome weeds. Outstanding results have been obtained in the permanent kill of certain weeds and in the control of others. It must be used at the proper rates and according to the procedure recommended on the label of each container.

Poison ivy, poison oak and poison sumac are particularly dangerous to many individuals. Ammate will generally eliminate such plants.

### Advantages

Ammate is not considered poisonous and may be used safely on weed-infested areas without danger to livestock and humans. It is entirely free from fire or explosion hazards and actually has inherent fire-retardant properties.

Ammate usually exerts only temporary soil-sterilizing effects, varying with the soil. Treated areas may often be used for growing crops during the same season.

2-lb. size 75c.; 6-lb. size \$1.80

## Books on Horticulture, Agriculture, and Kindred Subjects

Here is a selection of books that is thoroughly up to date, practical, and comprehensive. Written by authors of national reputation—outstanding men who figure prominently in the various phases of garden and farm work. These books will show you how to raise bigger and better crops, how to have attractive, colorful gardens.

### Flowers and Ornamental Plants

**Annuals, The Book of** (Hottes). 180 pages. \$1.50.

**Annual Flowers, How to Grow** (Ries). Profusely illustrated. 96 pages. \$1.00.

**Aquarium, The Modern** (Innes). Packed with practical information. \$1.00.

**Book of Bulbs** (Rockwell). A complete treatise on the growing of bulbs, for both fall and spring planting. 264 pages. \$3.00.

**Bulbs, Spring Flowering** (Thayer). 128 pages. \$1.25.

**Cactus Culture** (Schulz). 186 pages. \$2.00.

**Carnation Culture, Practical** (Weston). 224 pages. \$2.00.

**Chrysanthemum and Its Culture, The** (White). \$2.00.

**Commercial Floriculture** (Bahr). 616 pages. \$5.50.

**Commercial Flower Forcing—4th Edition** (Laurie and Kiplinger). The fundamentals and their practical application to the culture of greenhouse crops. 49 illustrations, 565 pages. Published 1941. \$4.50.

**Four Seasons in Your Garden** (Wister). A very comprehensive work. \$2.50.

**Garden Bulbs in Color** (McFarland, Hatton, and Foley). 275 color pictures; half-tones; 292 pages. Practical, brief cultural notes. \$1.98.

**Garden Clinic, The** (Laurence Blair). Care and cultivation of garden favorites. \$2.00.

**Garden Flowers in Color** (Stevens). A picture cyclopedia of flowers. 400 photographs in color; 320 pages. \$1.98.

**Garden Lilies** (Preston). Preparation of the soil, planting the bulbs, and general care. 128 pages. \$1.25.

**Gladiolus** (Rockwell). 81 pages. \$1.25.

**Iris, The** (Wister). A treatise on its history, development, and culture. 128 pages. \$1.25.

**Perennial Flowers, How to Grow** (Ries). 96 pages. \$1.00.

**Perennial Gardens** (Ortloff). \$1.25.

**Pronouncing Dictionary, The Home Gardener's** (Hottes). 96 pages. 50c.

**Rock Gardens, American** (Hamblin). 128 pages. \$1.25.

**Rock Gardens** (Rockwell). 86 pages. \$1.25.

**Soilless Growth of Plants** (Ellis & Swaney). \$2.75.

**Violet Culture, Practical** (Coon). 75c.

**Water Gardens and Gold Fish** (Sawyer, Perkins). 272 pages. \$2.00.

**Window Garden, The** (Buxton). A practical manual on soils, propagation, watering, and general care of house plants. Illustrated; 160 pages. \$1.50.

### Plant Breeding, Propagating, Pruning, Etc.

**Plant Propagation** (Hottes). 999 questions answered. 228 pages. \$2.00.

**Pruning Trees and Shrubs** (E. P. Felt). An invaluable reference book on pruning. Easy for the amateur to understand, for it is written in non-technical language. \$2.00.

**Standard Cyclopedia of Horticulture** (Bailey). The authority on every horticultural subject. Three volumes. 3637 pages. \$20.00.

### Farm and Garden

**America's Garden Book** (Louise and James Bush-Brown). The most complete garden book ever published. Over 1200 pages, covering every bit of needful flower, lawn, tree, shrub, fruit and vegetable knowledge from subsoil up. Invaluable for the expert, essential for the amateur. \$3.50.

**Around the Year in the Garden** (Rockwell). Gives a complete outline of the year's work in the garden. 350 pages. \$3.00.

**Asparagus Production** (Thompson). 125 pages. \$1.25.

**Cauliflower and Broccoli Culture** (Bouquet). 128 pages. \$1.25.

**Clovers and How to Grow Them** (Shaw). 337 pages. \$2.00.

**Food Garden, The** (Laurence and Edna Blair). 147 pages. \$2.00.

**Garden Book** (Vernon Hayes Davis). 241 pages. \$1.25.

**Hand Book of Fertilizer** (Gustafson). 172 pages. \$1.75.

**Manual of Gardening** (Bailey). A practical guide to the making of home grounds and the growing of flowers, fruits, and vegetables. 539 pages. \$3.00.

**Pocket Book of Vegetable Gardening** (Charles H. Nissley). Tells when and how to plant. 244 pages. 25c.

**Practical Vegetable Culture** (A. E. Wilkinson). Just what you need to guide you in planting a Victory Garden. \$2.00.

**Roadside Marketing** (Watts). \$1.25.

**Spraying Crops** (Weed). 140 pages. \$1.10.

**Sweet Potato Production and Handling** (Thompson). \$1.25.

**1001 Garden Questions Answered** (Hottes). Covers flowers, fruits and vegetables. 328 pages. \$2.50.

**The Home Vegetable Garden** (Freeman). An ideal guide to help you in growing vegetables in your back yard. \$1.75.

**Tomato Culture** (Tracy). 150 pages. \$1.10.

**Weeds of the Farm and Garden** (Pammel). 300 pages. \$2.00.

### Poultry, Bees, Birds, Etc.

**Beekeeping, First Lessons on** (Dadant). 167 pages. \$1.00.

**Birds of Pennsylvania** (G. M. Sutton). The whole story of Pennsylvania's familiar birds. More than 150 illustrations. \$1.00.

**Birds of the Wild** (Pellet). A book of absorbing interest to the bird-lover. \$1.00.

**Ducks and Geese** (Lamon and Slocum). 262 pages. \$2.00.

**Poultry Breeding and Management** (Dryden). 416 pages. \$2.00.

**Rabbits for Food and Fur** (Ashbrook). 212 pages. \$2.00.

**Turkey Production** (Cline). 454 pages. \$3.50.

### STANDARDIZED PLANT NAMES

Prepared by Harlan P. Kelsey and William A. Dayton. The most complete book of plant names ever published, including scientific and approved common names and pronunciation of all plants in American commerce. Special lists of Drug, Lumber, Fruit and Nut, Fiber, Poisonous Plants, etc. concisely arranged in one alphabetical list. Invaluable to plantmen, writers, editors, research workers. 692 pages. \$10.50.

### FOR YOUR VICTORY GARDEN

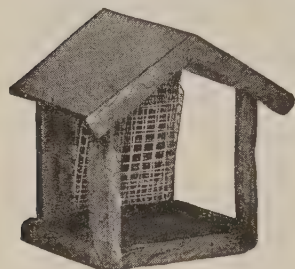
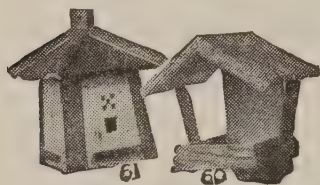
**"The Food Garden."** By Laurence and Edna Blair. (147 pages.) Price, \$2.00. It is ideal for the average gardener, and for the hundreds of thousands of small home owners who are novices in the growing of a food garden. This book will be especially welcomed because it tells you **how to do it** in its twenty double-page line drawings with the proper explanations for the various problems that beset the gardener.

**"Vegetable Gardening."** (Pocket Book Edition.) By Charles H. Nissley. (244 pages.) Price, 25c. This book tells you how, when and what to plant. One of the latest; practical, scientific advice on growing food for home use. Authoritative, easy to understand, complete. Includes charts showing vitamin contents and nutritional values as well as specific instructions for raising each vegetable.

ALL PRICES SUBJECT TO MARKET CHANGES

## MICHELL'S RUSTIC AND ORNAMENTAL BIRD HOUSES

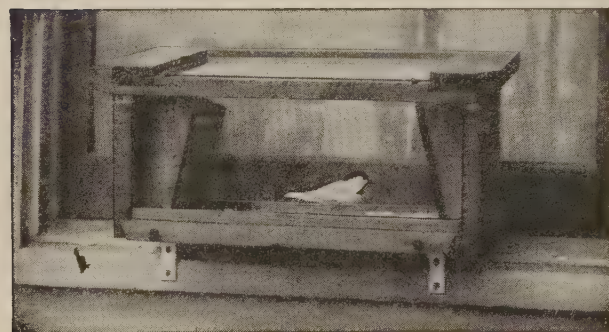
You can enjoy the cheerful company of many of our native song-birds during the entire winter season if you attract them to your home with suitable Shelters and Feeders.



110



126

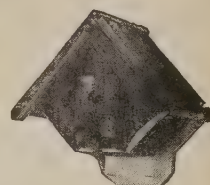


124

	Each
No. 8. Martin House. 14-room. Not mailable.....	\$20 00
No. 14. Wren or Bluebird House.....	2 50
No. 17. Wren House.....	1 75
No. 21. Bluebird House.....	1 50
No. 23. Wren House.....	1 50
No. 25. For Woodpeckers, Chickadees, Nuthatches, etc....	1 50
No. 45. Squirrel House.....	6 00
No. 60. Robin House.....	1 50
No. 61. Wren House. Swinging.....	1 50
No. 77. Martin House. 4-room.....	6 00
No. 104. Rustic Seed-Feeder.....	2 50
No. 105. Rustic Suet-Feeder.....	1 50
No. 110. Combination Shelter.....	2 25
No. 114. Suet Basket.....	40
No. 124. Bishop Window-Feeders.....	3 50
No. 126. Squirrel-Proof Feeder for Suet.....	2 50
No. 127. Squirrel-Proof Feeder for Seed.....	2 50



104



17

### Revolving Feed-Box

This bird-feeder, the most popular American type, has its glass end always facing the wind, so that the large open end is protected from storms. Size, 24 by 36 in. Furnished with an iron pole, 7 ft. long. Price, \$12.50. Smaller size of above, with wood pole. Price, \$8.50.

### Window Feeder No. 124

The glass roof of the Feeder protects the food from the weather and permits observation of the birds at all times. Fitted with hinged glass top and built-in seed-hopper and suet-rack. Price, \$3.50.



Revolving Feed-Box

### Crystal Bird Feeder

A simple inexpensive glass Feeder of the hanging type. Easy to fill, with the seed-supply always visible. Furnished complete with seed. ½pt. size 85c. Qt. size (with glass roof) \$1.75.

### Michell's Wild Bird Seed

A mixture of seed and grain most attractive to the birds wintering in the Northern States.

5 lbs.....	\$0 65	25 lbs.....	\$2 50
10 lbs.....	1 20	100 lbs.....	9 00

## Pest Exterminators

**Ant-X Jelly Bait.** Ants like the taste of Ant-X Jelly, but it is "their last meal." They carry it back to their nests—destroys the whole colony. 35c. and \$1.00.

**Ant-X Ant Traps.** Attractive, sanitary, safety container for use in house or garden. Just break seal of box, and place where ants can get to it. Cannot be opened by a child or spilled by a pet. 25c.

**Killice.** The new modern way to destroy mice in house or garden. Easy to use—clean, sanitary, no mixing—no traps needed. Large 2½-oz. pkg. 25c.

**Mole-Not.** Sure death to bulb-eating, root-destroying moles. Life saver for lawns, flower and seed-beds. Safeguard bulbs when placed in ground at time of planting. 35c. and \$1.00.

**Mouse-Not.** A meaty, easily hulled, treated seed-bait which appeals to the finicky taste of mice—"their last meal." 25c. and \$1.00.

**Rat-Not.** A safe, scientific way to exterminate rats. Prepared bait contains genuine red squill—not a poison. 25c. and \$1.00.

**Rat-Not-Paste.** Recommended for big, well-fed elusive rats which dodge cats and traps, and are finicky in their eating habits due to easy access to tasty garbage, and feed and food warehouses. Rat-Not-Paste is FAST, QUICK, and LETHAL in its action. Ideal too, for control of chipmunks, squirrels, prairie dogs, etc. Packaged in handy convenient tubes. 35c. and \$1.00.

**Rat-Not-Powder.** Recommended for those who like to mix their own bait. Rat-Not-Powder is non-poisonous and relatively harmless to humans and animals. Contains genuine "Red Squill." Simply mix with table-leavings or other food-scrap and serve to rats. 15c.

**Roach-Not.** A prepared powder bait, quick and effective. Roach-Not "Lays them on their backs." 25c. and \$1.00.

ALL PRICES SUBJECT TO MARKET CHANGES

# INDEX TO CONTENTS OF MICHELL'S 1945 CATALOG

Vegetable Seeds Page		Page		Page		Page	
Anise.....	15	Canada Peas.....	18	Daisy.....	25,31,32,33,45	Portulaca.....	38
Asparagus.....	2	Clovers.....	17,18	Delphinium.....	31	Pot Marigold (Calendula).....	22,28
Basil (Sweet).....	14,15	Corn (Field).....	17	Dianthus.....	32,42	Primroses.....	37
Beans.....	2,3	Cowpeas.....	18	Dictamnus.....	32	Pyrethrum.....	40
Beet.....	4	Farm Seeds.....	17,18	Didiscus.....	31	Quamoclit.....	29
Borage.....	4,15	Flax.....	18	Digitalis.....	31	Red-hot Poker.....	45
Borecole.....	9	Grass Seeds.....	19-21	Dimorphotheca.....	32	Ricinus.....	41
Broccoli.....	9	Kaffir Corn.....	18	Dolichos.....	32	Rudbeckia.....	40
Brussels Sprouts.....	4	Mangel-Wurzel.....	18	Dracena.....	32	Salpiglossis.....	41
Cabbage.....	5	Millet.....	18	Dusty Miller (Centaurea).....	29	Salvia.....	41
Cabbage, Chinese.....	4	Oats.....	18	Dusty Miller (Cineraria).....	30	Sanvitalia.....	41
Caraway.....	4,15	Rape (Essex).....	18	Echinocystis.....	32	Satin Flower.....	33
Carrot.....	5	Rye.....	18	Echium.....	32	Scabiosa.....	41
Catnip.....	6,15	Sudan Grass.....	18	Eschscholtzia.....	32	Scarlet Runner Bean.....	27
Cauliflower.....	6	Sugar-Cane.....	18	Euphorbia.....	32	Scarlet Sage (Salvia).....	41
Celeriac.....	6	Sunflower.....	18	Everlastings.....	32	Schizanthus.....	23,42
Celery.....	6	Timothy.....	18	False Indigo.....	27	Sea Bugloss.....	24
Celtuce.....	6	Vetches.....	18	Feverfew (Matricaria).....	35	Sea Lavender.....	42
Chicory.....	6,8	Wheat.....	18	Flax.....	35	Shamrock.....	42
Chives.....	6,15	Flower Seeds		Floss Flower.....	24	Shasta Daisy.....	29,42
Citron.....	10	Acroclinium.....	32	Forget-me-not, Chinese.....	31	Silk Oak.....	33
Collards.....	6	African Daisy (Arctotis).....	25	Four o'Clock (Marvel of Peru).....	35	Smilax.....	42
Coriander.....	7,15	Ageratum.....	22,24	Foxglove (Digitalis).....	31	Snapdragon.....	22,25
Corn (Sugar).....	7	Alyssum.....	22,24	Gaillardia.....	33	Snow-in-Summer (Ceras-tium).....	29
Cress.....	7	Amaranthus.....	24	Gas Plant (Dictamnus).....	33	Snow-on-the-Mountain.....	32
Cucumber.....	8	Anchusa.....	24	Geranium.....	33	Solanum.....	42
Dandelion.....	8	Anthemis.....	24	Gerbera.....	33	Speedwell.....	45
Dill.....	7,15	Antirrhinum.....	22,25	Geum.....	33	Spiderflower.....	23,30
Eggplant.....	8	Aquilegia.....	27	Gilia.....	32	Star of Texas.....	46
Endive.....	8	Arctotis.....	25	Globe Amaranth.....	32	Statice.....	42
Fennel.....	7,15	Asparagus.....	25	Godetia.....	33	Stocks.....	35,44
Garlic.....	8	Aster.....	23,26	Gomphrena.....	32	Strawflower (Helichrysum).....	32
Herbs.....	15	Baby's Breath (Gypsoph-ila).....	33	Gourd.....	33	Summer Cypress.....	34
Horseradish.....	8	Bachelor's Button (Cen-taurea).....	29	Grevillea.....	33	Sun-plant.....	37
Kale.....	9	Bachelor's Button (Gom-phrena).....	32	Gypsophila.....	33	Swan River Daisy.....	28
Kohlrabi.....	9	Baileya.....	27	Helianthus (Sunflower).....	42	Sunflower (Helianthus).....	42
Lavender.....	10,15	Balloon Vine.....	27	Helichrysum.....	32	Sweet Alyssum.....	24
Leek.....	10	Balsam.....	27	Heliotrope.....	33	Sweet Peas.....	22,43,44
Lettuce.....	9	Baptisia.....	27	Heteropappus.....	33	Sweet Sultan (Centaurea).....	29
Mangel-Wurzel.....	4	Bean, Runner.....	27	Heuchera.....	33	Sweet William.....	42
Melons.....	10	Begonia.....	27	Hibiscus.....	33	Tagetes.....	36,45
Mint.....	70,72	Bellflower (Campanula).....	28	Hollyhock.....	34	Tahoka Daisy.....	45
Mushroom Spawn.....	11	Black-eyed Susan.....	45	Honesty.....	33	Thunbergia.....	45
Muskmelon.....	10	Blazing Star.....	35	Hunemannia.....	34	Tithonia.....	45
Mustard.....	10	Blue Lace Flower.....	31	Hyacinth Bean (Dolichos).....	32	Toadflax.....	35
Okra.....	10	Brachycome.....	27	Iberis (Candytuft).....	28	Tobacco, Flowering.....	35
Onions.....	11	Browallia.....	27	Ipomea.....	23,31,34,35	Torenia.....	45
Onion Sets.....	11	Butterfly Flower (Schi-zanthus).....	42	Kniphofia.....	45	Transvaal Daisy (Gerbera).....	33
Parsley.....	11	Cactus.....	27	Kochia.....	34	Tritoma.....	45
Parsnip.....	11	Calceolaria.....	27	Lady's Slipper (Balsam).....	27	Tropaeolum.....	29
Peanuts.....	11	Calendula.....	22,28	Lantana.....	34	Tulip Poppy.....	34
Peas.....	12	California Poppy (Esch-scholtzia).....	32	Larkspur (Annual).....	34	Venidium.....	45
Pepper.....	13	Calliopsis.....	28	Larkspur (Perennial).....	31	Verbena.....	22,46
Pop Corn.....	7	Campanula.....	28	Lathyrus.....	34	Veronica.....	45
Potatoes.....	13	Canary Bird Vine.....	29	Lavender.....	34	Vinca.....	45
Pumpkin.....	12	Candytuft.....	28	Leptosyne.....	35	Viola.....	45
Radish.....	14	Canterbury Bells.....	28	Liatris.....	35	Virginian Stock.....	44
Rhubarb.....	13	Cardinal Climber.....	29	Lilium.....	35	Wallflower.....	30,45
Romaine.....	9	Carnation.....	22,28	Linaria.....	35	Wild Cucumber.....	32
Rosemary.....	13,15	Castor Beans (Ricinus).....	41	Linum.....	35	Wild Flower Garden Mix-ture.....	46
Rutabaga.....	15	Celosia.....	23,29,30	Lobelia.....	35	Woolflower.....	30
Saffron.....	14,15	Centaurea.....	29	Love-in-a-Puff.....	27	Xanthisma.....	23,46
Sage.....	14,15	Cerastium.....	29	Lunaria.....	33	Zinnia.....	23,41,46,47
Salsify.....	15	Cheiranthus.....	30	Lupinus.....	35	Bulbs and Plants	
Shallots.....	11	Chrysanthemum.....	29	Lychnis.....	35	Achillea.....	57
Sorrel.....	15	Cigar Plant.....	31	Malcomia.....	44	Aconitum.....	57
Spinach.....	15	Cineraria.....	30	Marguerite, Hardy.....	24	Ageratum.....	55
Squash.....	14	Clarkia.....	30	Marigold.....	22,23,28,36,37,45	Ajuga.....	57
Summer Savory.....	14,15	Cleome.....	23,30	Marshmallow.....	33	Almond, Flowering.....	69
Sweet Marjoram.....	15	Cockscorn (Celosia).....	29	Marvel of Peru.....	35	Althea (Rose of Sharon).....	69
Swiss Chard.....	4,15	Coleus.....	30	Matricaria.....	35	Alyssum.....	55,57
Tampala.....	15	Columbine (Aquilegia).....	27	Matthiola.....	35	Amaryllis.....	53
Thyme.....	15,16	Concelflower (Rudbeckia).....	40	Mexican Fire-Plant (Eu-phorbia heterophylla).....	32	Ampelopsis.....	68
Tobacco.....	15	Convolvulus.....	30	Mignonette.....	35	Anchusa.....	57
Tomato.....	16	Coral-bells.....	33	Mixed Seed for Wild Gar-den.....	46	Anemone.....	57
Turnip.....	15	Coreopsis.....	29	Monarch of the Veldt.....	45	Anthemis.....	57
Vegetable Plants and Roots.....	16	Cornflower (Centaurea).....	29	Moonwort.....	33	Antirrhinum.....	55
Watermelon.....	10	Cosmos.....	30	Morning-Glory.....	23,30,35	Apple Trees.....	71
Farm, Grass, and Miscel-laneous Seeds		Cup-and-Saucer Vine.....	30	Mourning Bride (Scabiosa).....	41	Apricot Trees.....	71
Alfalfa.....	18	Cup Flower.....	35	Nasturtium.....	37	Aquatic Plants.....	67
Barley.....	17	Cuphea.....	31	Nemesia.....	37	Aquilegia.....	57
Beans (Soy).....	17	Cyclamen.....	31	Nemophila.....	35	Arabis.....	57
Bird Seeds.....	94	Cynoglossum.....	31	Nicotiana.....	35	Aristolochia.....	68
Broom Corn.....	17	Cypress Vine.....	31	Nierembergia.....	23,35	Armeria.....	57
Buckwheat.....	17	Dahlia.....	31	Oenothera.....	37	Artemisia.....	57,70
				Painted Tongue.....	41	Artichoke.....	16
				Pansy.....	37,38,45	Asparagus.....	16
				Papaver (Poppy).....	40	Asters.....	55,57
				Pea, Perennial.....	34	Aubrietia.....	57
				Periwinkle (Vinca).....	45	Azaleas.....	69
				Petunia.....	22,23,38,39	Baby's Breath.....	60
				Phlox.....	40	Barberry.....	70
				Pinks (Dianthus).....	32		
				Poppy.....	22,40		
						Begonias.....	53,55
						Berberis.....	70
						Bignonia.....	68
						Blackberries.....	71
						Bleeding-heart.....	60
						Blueberry.....	71
						Boysenberries.....	71
						Buddleia.....	69
						Cabbage.....	16
						Caladium.....	53
						California Privet.....	70
						Callas.....	53
						Calycanthus.....	69
						Campanula.....	59
						Candytuft (Hardy).....	62
						Cannas.....	48,55
						Carnations.....	57
						Celastrus.....	68
						Celery.....	16
						Cerastium.....	57
						Cercis (Judas or Redbud).....	69
						Cherry Trees.....	71
						Chinese Lantern Plant.....	63
						Chrysanthemum 2d cov.....	58,59
						Cinnamon Vine.....	54
						Clematis.....	68
						Climbing Plants.....	68
						Coleus.....	55
						Collections Hardy Peren-nials.....	72
						Columbine.....	57
						Coreopsis.....	59
						Cornus.....	69
						Crab-Apple Trees.....	71
						Cydonia.....	69
						Dahlias.....	50-52
						Daphne.....	69
						Daylily.....	60,61
						Delphinium.....	69
						Deutzia.....	69
						Dianthus.....	60,65
						Dicentra.....	60
						Dielytra.....	60
						Digitalis.....	59
						Dogwood.....	69
						Doronicum.....	60
						Eggplant.....	16
						Eupatorium.....	60
						Feverfew (Matricaria).....	63
						Forget-Me-Mot.....	63
						Forsythia.....	69
						Foxglove.....	59
						Fruit Trees.....	71
						Fuchsia.....	60
						Funkia.....	60
						Gaillardia.....	60
						Geraniums.....	56
						Geum.....	60
						Gladiolus.....	49
						Gloriosa.....	54
						Gloxinia.....	54
						Grape-Vines.....	71
						Gypsophila.....	60
						Hedera.....	68
						Hedge Plants.....	70
						Helianthus.....	60
						Heliopsis.....	60
						Heliotrope.....	56
						Hemerocallis.....	61
						Herb of Grace.....	70
						Herbs.....	70
						Heuchera.....	62
						Hibiscus.....	62,69
						Hollyhock.....	62
						Honeysuckle.....	68
						Horehound.....	70
						Horseradish.....	16
						Hosta.....	60
						Hyacinthus.....	54
						Hydrangea.....	69
						Hypericum.....	69
						Hyssop.....	70
						Iberis.....	62
						Iris.....	62
						Ismene.....	54
						Ivy.....	68
						Kolkwitzia.....	69
						Kudzu Vine.....	68
						Lantana.....	56
						Lavandula.....	62
						Lavender.....	62
						Lemon Verbena.....	70
						Liatris.....	62
						Lilies.....	48
						Lily-of-the-Valley.....	48
						Linum.....	62
						Lobelia.....	56,62
						Lonciera.....	68
						Lythrum.....	63

## INDEX TO CONTENTS OF MICHELL'S 1945 CATALOG

Bulbs and Plants,  
continued

Page

Madeira Vine.....

54

Marigold.....

56

Matricaria.....

63

Mexican Vine.....

54

Mint.....

70

Mock-Orange.....

69

Monarda.....

63

Monkshood.....

57

Montbretia.....

54

Moon Vine.....

56

Myosotis.....

63

Nepeta.....

63

Oenothera.....

63

Oxalis.....

54

Pachysandra.....

63

Papaver.....

63

Parsley.....

16,70

Peach Trees.....

71

Pear Trees.....

71

Pennyroyal.....

70

Pentstemon.....

63

Peonies.....

64

Pepper.....

16

Perennials.....

57-65

Petunia.....

56

Philadelphus (Mock-  
Orange).....

69

Phlox.....

56,64

Physalis.....

63

Physostegia.....

63

Pinks (Dianthus).....

60

Platycodon.....

63

Plum Trees.....

71

Plumbago.....

63

Polemonium.....

64

Polygonum.....

68

Poppies.....

63

Pot Marjoram.....

70

Primula.....

63

Privet.....

70

Prunus.....

69

Pueraria.....

68

Pulmonaria.....

63

Pyrethrum.....

63

Raspberries.....

72

Rhododendrons.....

70

Rhubarb.....

16

Rosemary.....

70

Rose of Sharon.....

69

Roses.....

66,67

Rudbeckia.....

64

Sage.....

64,70

Salvia.....

56,64

Santolina.....

64

Savory, Winter.....

70

Scabiosa.....

65

Scarlet Sage.....

56

Sedum.....

65

Shasta Daisy.....

59

Shrubs.....

69,70

Small Fruits.....

71,72

Snagdragon.....

55

Snowball.....

70

Spirea.....

70

Stachys.....

65

Statice.....

65

Stokesia.....

65

Strawberries.....

72

Sunflower.....

60

Sweet Potato.....

16

Sweet Shrub.....

69

Sweet William.....

65

Sweet Woodruff.....

70

Symphoricarpos.....

70

Syringa.....

70

Tansy.....

70

Tarragon.....

70

Teucrium.....

65

Thalictrum.....

65

Thyme.....

70

Tigridia.....

54

Tomato.....

16

Tradescantia.....

65

Trollius.....

65

Tuberoses.....

54

Tuberos.....

65

Valeriana.....

65

Vegetable Plants.....

16

Verbena.....

56,65

Veronica.....

65

Viburnum.....

70

Vinca.....

56,65

Viola.....

65

Vitex.....

70

Water-Lilies.....

67

Weigela.....

70

Wisteria.....

68

Wormwood.....

57,70

Yucca.....

65

Zephyranthes.....

54

Zinnia.....

56

Implements, Sundries,  
Etc.

Page

Acid Plant Food.....

92

Adco.....

91

All Crop Fertilizer.....

91

Ammate Weed Killer.....

92

Animal Foods and Tonic.....

87

Ant Traps.....

88,94

Ant-X Jelly.....

94

Aphime.....

83

Aprons.....

81

Arsan.....

88

Arsenate of Calcium.....

88

Arsenate of Lead.....

88

Ashes.....

91,92

Asparagus Bunchers.....

78

Asparagus Fertilizer.....

91

Asparagus Knives.....

78

Asparagus Tape.....

78

Astogen.....

88

Auto Spray.....

80

Axes.....

76

Bacteria.....

91

Bark.....

85

Barrel Pump.....

81

Barrel Trucks.....

75

Baskets.....

83

Bean-Poles.....

3

Bellows.....

81

Berry Boxes.....

83

Bird Feeders.....

94

Bird Houses.....

94

Bird Seeds.....

87,94

Black-Leaf 40.....

88

Blood, Bone and Potash.....

91

Blood (Dried).....

91

Bone (Coarse Ground).....

91

Bone Flour.....

91

Bonemeal.....

91

Books.....

11,93

Bordeaux Mixture.....

88

Bovung.....

91

Brud Coop.....

87

Brooms.....

74

Brushes.....

74

Bucket Pump.....

81

Bug Death.....

88

Bulb Fibre.....

87

Bulb Fans.....

86

Bull Dog Clips.....

87

Carbola.....

87

Carbolineum.....

88

Carborundum File.....

79

Carborundum Rifle.....

79

Carnation Staples.....

87

Carts.....

55

Cat Foods.....

87

Celery Bleachers.....

87

Celery Paper.....

87

Celery Tape.....

87

Cel-O-Glass.....

84

Ceresan.....

88

Chaperone.....

88

Charcoal.....

87

Coal for Wagon Heaters.....

84

Copper Solution.....

88

Corn Fume.....

80

Corn Knife.....

76

Corn Planter.....

74

Cow Manure.....

91

Crab-grass Eliminator.....

80

Crow Repellent.....

17

Cryolite.....

88

Cultivators.....

75

Cyanogas.....

88

Dandelion Extractor.....

77

Dibbles.....

75,77

Disinfectants.....

87,88

Dock Lifter.....

79

Dog Foods.....

87

Dogzoff.....

88

Dusters.....

81,92

Dusts.....

88,89,90

Dutox.....

88

Edgers.....

80

Egg Boxes.....

87

Electra.....

91

Erosionet.....

83

Extension Pipes.....

80

Fern Dish Liners.....

86

Fern Pans.....

86

Ferogen.....

91

Fertilizers.....

91,92

Fertilizer Distributors.....

73

Files.....

74

Filmfast.....

88

Fish-Oil Soap.....

88

Fish Food.....

87

Flats.....

86

Flex-O-Glass.....

84

Flower Boxes.....

85

Flower Pots.....

86

Florists Shears.....

85

Fly Spray.....

88

Forks.....

77

Formacide.....

88

Fruit Picker.....

83

Fumtrogen.....

88

Fume Tox.....

88

Fumigator.....

89

Garden Dust.....

88

Garden Flats.....

86

Garden Line.....

76

Garden Reels.....

76

Garden Tools.....

75

Glass Clamps.....

84

Glass Cleaner.....

84

Glass Cutters.....

84

Glazing Cement.....

84

Glazing Chisel.....

84

Glazing Points.....

84

Glazing Putty.....

84

Glazit Gun.....

84

Gloves.....

76

Goggles, Rubber.....

84

Co-West.....

88

Grafting Tool.....

82

Grafting Wax.....

82

Grape and Rose Dust.....

82

Grape Bags.....

83

Grass Hooks.....

78

Grass Shears.....

78

Grassli Spreader.....

89

Grasswhips.....

74

Greenhouse Paint.....

84

Grindstone.....

74

Hammers.....

76

Hand Plow.....

75

Harco Sprayer.....

80

Hatchets.....

76

Heater.....

84

Hedge Shears.....

78

Hoes.....

75,77,79

Hormodin.....

92

Hortobacco.....

91

Hose.....

82

Hose Bands.....

82

Hose Connections.....

82

Hose Couplings.....

82

Hose Menders.....

82

Hose Nozzles.....

82

Hose Reducers.....

82

Hose Washers.....

82

Hotbed Mats.....

84

Hotbed Sash.....

84

Hotkaps.....

85

Husking-Pins.....

76

Hydroxide.....

88

Hy-Gro 52.....

91

Hyper-Humus.....

91

Hyponex Plant Food.....

91

Implement Handles.....

79

Inoculating Bacteria.....

91

Insecticides.....

88-90

Insectrogen.....

88

Iron Sulphate.....

90

Irrigation, Skinner.....

81

Kerosene Emulsion.....

88

Kilmice.....

94

Knives.....

76,80

Kryocide.....

88

Labels.....

83

Ladders.....

82

Land Plaster.....

91

Lawn Dressing.....

19,91

Lawn Mowers.....

73

Lawn-Mower Sharpener.....

80

Lawn Signs.....

84

Lawn Sprinklers.....

81,82

Lawn Trimmers.....

80

Lawnnette Roll-Away.....

80

Leaf Racks.....

75

Legume-Aid.....

91

Lemon Oil.....

88

Lime.....

91

Limestone.....

91

Lime-Sulphur.....

88

Liqua-Vita.....

91

Lopping Shears.....

78

Magikil Jelly.....

88

Manure Drags.....

79

Manure Forks.....

77

Mastica Machine.....

84

Masticote.....

84

Mats.....

84

Mattocks.....

76

Mexican Bean Beetle De-  
stroyer.....

89

Milorganite.....

91

Molasses.....

89

Mole-Not.....

94

Mo-Lo.....

89

Mologen.....

89

Monkey Wrenches.....

76

Signs.....

87

Mouse-Not.....

94

Mouse Seed.....

89

Mum Manure.....

91

Muriate of Potash.....

91

Naphtha Flakes.....

89

Necgards.....

76

Nico-Fume.....

89

Nicotine Pyrox.....

89

Night Eye.....

83

Nikoteen.....

89

Nik-Ro-Sul.....

89

Nitrate of Soda.....

91

No-Py-Ro.....

89

Nozzles.....

82

Paint.....

84,85,87

Paper.....

85

Para-Dichlorobenzene.....

89

Paris Green.....

89

Pearl Chips.....

87

Peat.....

87

Peat Moss.....

82,91

Pebbles.....

87

Pencils.....

83

Pest Exterminators.....

94

Pet Supplies.....

87

Phosphate.....

92

Picks.....

76

Pigeon Food.....

87

Planet Jr. Tools.....

73

Plantabbs.....

92

Plant Stakes.....

85

Plant Stands.....

84

Plant Supports.....

83

Plant-Ties.....

85

Plant Tubs.....

86

Planting Tools.....

75

Pliers.....

76

Plows.....

79

Poles.....

76,85

Pomo-Green.....

89

Porch Boxes.....

85

Post-Hole Diggers.....

76

Potato Dust.....

92

Potato Fertilizer.....

89

Pot Hangers.....

86

Pots.....

86

Poultry Supplies.....

87

Pruning Compound.....

76,87

Pruning Gloves.....

76

Pruning Saws.....

78

Pruning Shears.....

78

Pumps.....

81

Putty.....

84

Pyrox.....

89

Rabbit Chaser.....

4,89

Raffia and Raffiatape.....

85

Rain-Wave.....

87

Rakes.....

77

Rat-Not.....

94

Rat Paste.....

89

Red Arrow Insect Spray.....

89

Reels.....

76

Reflecto Signs.....

84

Respirator.....

82

Roach-Not.....

94

Road Brushes.....

74

Roll-Away Carts.....

80

Root-forming Chemicals.....

92

Root Irrigator.....

81

Rootone.....

92

Rosul Dust.....

89

Rotene.....

89

Roto-spray.....

81

Rubbish Baskets.....

83

Rubbish Consumers.....

76

Salt.....

92

Salt Bricks.....

87

Salt Hay.....

87

Sand.....

87

Sash.....

84

Saucers.....

86

Saws.....

78

Scalecide.....

89

Scale Oil.....

89

Screw Drivers.....

76

Scythes.....

76

Scythe Handle.....

76

Scythe Stones.....

74

Seeders.....

74

Seed Flats.....

86

Seed Sower.....

75

Selocide.....

89

Semesan.....

89

Shaderine.....

87

Shears.....

78

Sheep Manure.....

90

Shovels.....

78,79

Sickles.....

78

Sieves.....

74

Signs.....

84

Slug-Shot.....

89

Snow Shovel.....

79

Soap (CPO).....

89

Sod-Cutter.....

79

Sod-Lifters.....

79

Sodium Arsenite.....

90

Soil.....

86,87,92

Soil Auger.....

76,92

Soil Soaker.....

82

Soil-Test Kit.....

80

Solvay.....

90

Soot.....

92

Spergon.....

90,91

Spor-Go.....

90

Spray Pump.....

81

Sprayers.....

80,81

Sprinklers.....

81,82

Squirrel House.....

94

Stake Fasteners.....

85

Stakes.....

85

Stimroot.....

92

Stim-U-Plant.....

92

Sulphate of Aluminum.....

90,92

Sulphate of Ammonia.....

92

Sulphate of Copper.....

90

Sulphate of Iron.....

92

Sulphate of Potash.....

92

Sulphur.....

90

Sulphur, Flowers of.....

90

Sulphur Candles.....

87

Sulute.....

90

Sunoco Spray Oil.....

90

Superphosphate.....

92

Supports.....

83,84

Tan Bark.....

92

Tankage.....

92

Tar Felt Pads.....

85

Tartar Emetic.....

90

Tennis-Court Markers.....

74

Tergen.....

90,92

Thermometers.....

11,84

Thrip Juice.....

90

Tinfoil.....

87

Tobacco Dust.....

87,90

Tobacco Stems.....

87,90,92

Transplantone.....

92

Tree Food.....

92

Tree Guards.....

83

Tree Pruners.....

76

Tree Scraper.....

76

Tree Tanglefoot.....

92

Trellises.....

84

Trimmers.....

76,80

Tri-Ogen.....

67,90

Twist-Ems.....

84

Trowels.....

77

Tubs.....

86

Twine.....

85

Victory Dust.....

90

Vigoro.....

92

Vitamin B-1.....

92

Volck.....

90

Wagon Heater.....

84

Wall Nails.....

83

Water Wand.....

82

Weed Burner.....

74

Weed Cutter.....

75

Weeders.....

75,77

Weed Killers.....

90,92

Weedone.....

90

Wheelbarrows.....

75

Wheel Hoes.....

73

Whiting.....

74

Wilson's O.K. Plant Spray.....

90

Window-Boxes.....

85

Wire.....

79

Wonder Worker Fertilizer.....

92

Wood Ashes.....

92

Worm Destroyer.....

90

Zelio Wheat.....

90



Quantity

## ARTICLES WANTED

PRICE

DOLLARS

CENTS

AMOUNT FORWARD

SEE OTHER SIDE

From \_\_\_\_\_

Post Office \_\_\_\_\_

State \_\_\_\_\_

PUT  
STAMP  
HERE

# MICHELL'S SEED HOUSE

516-518 MARKET STREET

Philadelphia 5, Pa.

**DON'T FORGET TO WRITE  
YOUR  
NAME AND ADDRESS**

# Two Lovely Perennials

## FOR YOUR GARDEN



DAYLILY (Hemerocallis), THE GEM

### DAYLILY (Hemerocallis), THE GEM

This very popular yellow Daylily produces its blooms in June and July on plants about 3 feet tall. It makes a fine showing against taller shrubs, and in itself is a good plant for a number of locations in the garden—in fence corners, in shrub borders, as a bold accent, as a screen. 50c. each; 3 for \$1.25.

*For complete list of Hemerocallis, see page 62*

### SCABIOSA CAUCASICA

A hardy perennial that should be more widely used, for it furnishes very desirable blue flowers. The plants grow 3 feet high and bloom from June through the summer. Flowers are a delicate shade of lavender-blue; fine for cutting. 3 for \$1.20; doz. \$4.50.



SCABIOSA CAUCASICA

## MICHELL'S

### Green Velvet Lawn Seed

This widely-known combination of pure lawn grasses is the result of over 50 years' experience with problems of fine turf, and is recommended by us for the open, sunny lawn, where a closely knit, weed-free turf of lustrous green, velvety appearance is desired. Lb. 80c.; 3 lbs. \$2.30; 5-lb. bag \$3.75; 10-lb. bag \$7.00; 25-lb. bag \$16.50; 100 lbs. \$60.00.



# Colorful Annual Flowers to Make Your Garden Bright and Gay



**MARIGOLD  
YELLOWSTONE**  
(All-America Selection)  
Giant Chrysanthemum-  
flowered; bright, clear  
yellow.  
Pkt. 25c.; large pkt. 60c.



**PETUNIA, SNOWBALL**  
Free-flowering, satiny white flowers. Fine for  
bedding. Pkt. 10c.; large pkt. 75c.



**POPPY, MICHELL'S  
NORMANDY**  
New. Large-flowered single  
annual. Brilliant orange-  
scarlet, very showy.  
Pkt. 25c.;  
large pkt.  
75c.



**PETUNIA  
BLUEBIRD**  
Medium-sized flowers,  
deep blue in color;  
fine for bedding.  
Pkt. 15c.;  
large pkt. 50c.

## Petunia Collection

### RED, WHITE, BLUE

1 pkt. of each, 30c.  
1 large pkt. of each, \$1.50

### Special Collection

1 pkt. each of these 7 varieties  
(Value \$1.25), for \$1.00  
1 large pkt. of each  
(value \$4.35), for \$3.75



Fine  
for  
Bedding

**PETUNIA  
GEN'L DODDS**  
Rich velvety red. Pkt. 10c.;  
large pkt. 50c.



**CARNATION  
MICHELL'S  
ALL-DOUBLE  
MARGUERITE**  
Extra-select strain,  
giant flowers, mixed colors.  
Pkt. 25c.; large pkt. 75c.

**ZINNIA  
MEXICAN HYBRIDS**  
Small-flowering Zinnia.  
Excellent for bedding  
and cutting.  
Choice mixed.  
Pkt. 15c.; large pkt. 50c.

